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### PVN-005-Urban-Field Notes-1975

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1075-5-1

7197

Site #

224

(1) July 1

From road to El Chaparrel siting to intersection at U8 of 7197 and highway.

SE corner is 130m from edge(W) of highway. Survey team: PUF; IleneS., Steve W.,

Transit Team: J. Miksic, Annemarie M., Dan M., and Heimun. 180m from road to NE

corner on NS line. 100+m to NE corner from edge of highway on EW line.

23.46m(34 paces) to first barbed wire, 41.4m(60 paces) to S side of second wire.

N 220.8m(320)paces) N-rock outcropping 5x7ft. 238.7m(346 paces) PUF & 238.1m(345)

Ilene-sherds encountered. 15m E rocks& sherds through milpa- plated at dead tree-

into old unplanted milpa- grass clump.

(3) At 303.6m(PUF)(440 paces)-intersected open milpa. 317.4m(460 paces) Ilene intersected

milpa. Milpa in corn and squash. Sweep 1-at 10m spacing. Sweep 2- 15m spacing. at

48.3(70)PUF- into field with holes dug for planting, dirt quite . 69m(100paces)

ceramic crumbs. 115.9(168paces)- intersect cleared milpa. 116.25m(155paces)-Steve

120.75m(175paces)-Ilene

138m(200paces)PUF- a few sherds-NO! rocks that look like sherds.

186.3m(270paces)PUF- into corn milpa plants 3-4ft high. 247m(358paces)PUF barbed wire.

257.3m(340-345paces)-Ilene-scrub unpenetrable.

(4) 276m(400paces)W edge of road. 296m(431paces)PUF 300.8m(436) Ilene-fence.

Sweeping

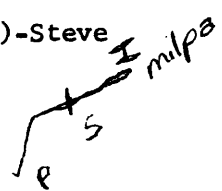
Sweep 3- 20m. Ilene-starting to W of fence 22m(32)PUF-fence.

50.3m(73)PUF-W edge highway

67.62m(98)PUF-fence by forest

95.22m(138)PUF-N of scrub forest

1975-1st Square Sweep in sampling design





110.4m(160)PUF resumed line-milpa edge.

186.3m(270)PUF-end of cleared field.

253.92m(368)PUF-squash-round hole milpa.

308.43m(447)-one sherd in cleared field.

138m(200)

Sweep 4-at 172.5m(250)-clear milpa-very stoney.

227.7m(330)-scrub thorn-impenetrable, perimeter of scrub-65.55m(95).

2350(compass) along fence by scrub

at 44.85m(65paces)-a fence at  $288^{\circ}$

at 89.7m(130paces)-rise-road cut through it.

103.5m-138m(150-200)- scrub less dense.

160.1m(232)-crest of rise.

(6) July 2, 1975

7703 site # 222

Ilene recording square 7703 U7. NW corner: between .5 & .6 mile from bridge before

Cofradia turnoff. Using PU-F's compass starting 10 miles in from NW-SW border of line;

4 people 20m apart. 7:30 Dan M., Ilene S., Annemarie, Kassie. 100paces(69m)-

totally covered with dead and live grass(damp). No finds yet.

AM-72.5m(93) KC-78m(100) DM-71.2m(80)

89.7m(130paces). (AM-98.28m(126))-AM runs into water ditch(higher vegetation).

Dan reaches ditch at 97.9m(110), KC at 101.4m(130), vegetation goes back to lower grass

at other side of ditch. Ditch=1 $\frac{1}{2}$ m wide(u-shaped) w/AM at bottom of u).

Ilene(at 89.7m(130paces))- grass thins (not), patches of soil visible.

06-47(47)-one short in cleared field.  
08-9 w(88) 90T-squash-round hole mugs.  
10-3m(90) 9UT-end of cleared field.

01-10(m)(88) 9UT rounded-line-mug edge.

(008120)  
 (008120) - clear micro-processor

[illegible]

discrete-time control systems (exam) 2021

*(Faint mirrored bleed-through from reverse side)*

[illegible]

100-7156417-200 - (002-371) 0021-7.001

Page 10. zero - (000) 11. 1000

7701, 7710

leave recording device 1700 47. The connector between 4.9 mile from bridge before

Colombia Bureau, being 77-1's address is 10 miles from the border of line;

[illegible]

totally covered with dead and dying vegetation.

(08)мз.15-мз (001)мз-3 (22)мз.25-мз

7.57m (150 acres). (4-26-82) - runs into water ditch (higher vegetation).

an reaches 4100 at 07.0m (410), 400 at 101.4m (130), vegetation goes back to lower grass

at other side of ditch. Distance in side n-southward 1/2 mile. (u) to bottom of u).

11-11-68 (11-11-68) - 11-11-68

3

(7) 138m(200paces)-KC,AM,and DM begin to get more scruffy and bushy vegetation(along w/grass)

They can't see the ground. Ilene enters milpa-very low vegetation. Ground visible.

158.7m(230)-(AM 250paces-195m, hits cornfield. Dan at 166.4m-187paces hits it, KC at

163.8m-210paces.Cornfield extends to W) 202.86m(294)-Ilene- one sherd in milpa.

207m(300)-(Dan at 194.9m-219 finds possible sherd.) Ilene- one rim sherd-sherds

starting to appear at this point in milpa(Ilene)-peter out around 220.8m(320paces)

Second Pace- 20m to E.(using Pat's compass) KC paces 32=25m. Moving to N-starting in milpa

dark earth and sparse plants edge of milpa(IS-70,AM-61,DM-52,KC-69) boulders 40m to

E-69(AM). KC 94.4m(121)-all area to E is high grass, hillside briars(dead).

Bare patch on hillside(DM-129.1m-145paces) (AM-135.7m-174paces, trees) (IS-158.7m-

230paces) dead trees and brambles at edge of hill.

W (IS) (KC) (AM) (DM) E

Impossible to see the ground anywhere. DM-195.8m(220)-steep decline of hill towards N.

IS-258.1m(290)- tallgrass. Whole top of hill waist high grass, trees, etc.

AM-231.7m(297). KC-230.9m(296),hill sloping sharply to N. DM-229.6m(258)-reaches bottom

of ravine and starts up next hill. AM-275.3m(353) KC-280.8n(360). Hill waist high

wet grass- distances between us over almost 200m to NE.

9:15--realligned on hill slope-facing S. E (DM) (AM) (KC) (JSH) (IS) W

rocky, shrubs, tall grass, trees- KC at 202.8m(260)-S side of second hill burnt

ground cover and low shrub- corn fields and milpa to W. IS-241.5m(350)

hits milpa. KC-290.2m(372) hits milpa. AM-296.4m(380) ditto.

Square Sweep

1975



(9) last pace N-irregular.

Square ③  
SQUARE 7298-U4

Easily located - approx. .8km toward Naco from La Chaparral Rd. on main highway-

SW corner 50m to left. <sup>of highway.</sup> Did not survey because sample unit covered by Monte Alto.

SITE #114  
SQUARE 7297-U6

Located by Henderson pacing 647.4m(780paces)-about 1/2 mile down La Chaparral-

from highway. Problem with La Chaparral broken by a cow yard. and resumes about 30m to

the S perpendicular to the highway. Corner point-SW-located on tree in field.

Concentration of sherds found perpendicular to 127.1m(160-165paces of KC) by Dan and AM.

at 15-55m in from western border. Also, obsidian chips, pottery sherds all over the place-

in the same general

(11) area-2 and possibly 3 house mounds. Much pottery on E fringe of the mound cluster-

greatest concentration of sherds towards E-but only visible where ground cover eroded.

Pottery to E seems coarser than that around house mounds. One metate fragment

collected. SITE="El Chaparral" #58

concentration of pottery and mounds. @100m to E--to be sherded later...11:30

July 3, 1975- Survey of 7297 cont.

Feature LC1 = La Chaparral 58I, sherds collected, feature mapped.

Spacing along (SW-SE) SW 10m 15 15 15 15  
KC HM DM SR AM

El Chaparral area



5,

to establish extent of feature. Lighting to N thru double trees-to KC at big tree isolated with multiple trunk.

(12) SR at 101.4m(130)-concentration at 145.1m(186)

AM at 122.5m(157)-" " at 158.3m(203)

HM at 110.1m(155)-" " at ?

DM at 93.45m(105)-" " at 126.4m(142)

KC-none on 10m line.

Datum point established on mound 1. Survey resumed- KC and AM walking due N-

others zig zagging-barbed wire at 253.5m(325)/255.1m(327). Barbed wire runs E at 95°

-impenetrable trees and high bush further to N. Return to S from barbed wire fence

Return spaced every 20m-- W (AM) (HM) (DM) (SR) (KC)

Road running (60.8m/78paces-AM, 138.84m/178paces-KC)  
305°

(13) Feature #2  
Mounds(SR) at 140.4m(180paces) 40-60m W of KC 3/low mounds

Road-running roughly E-W at AM 248.8m(319) - patches of same reddish,

hard packed soil in field- not associated with visible mounds but also in places

irregular- not flat = natural deposit? Patches of bare soil encountered-no sherds.

Stopping at 254.3m(325/27) to try and establish square-bring up SE-W line on

original tree- We have surveyed 250m N-S and @ 270m E-W.

8:45-joined by JSH

Area  
#114  
El Chaparral  
Square

1. The first part of the document is a list of names and addresses.

2. The second part is a list of names and addresses.

3. The third part is a list of names and addresses.

4. The fourth part is a list of names and addresses.

5. The fifth part is a list of names and addresses.

6. The sixth part is a list of names and addresses.

7. The seventh part is a list of names and addresses.

8. The eighth part is a list of names and addresses.

9. The ninth part is a list of names and addresses.

10. The tenth part is a list of names and addresses.

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12. The twelfth part is a list of names and addresses.

13. The thirteenth part is a list of names and addresses.

14. The fourteenth part is a list of names and addresses.

15. The fifteenth part is a list of names and addresses.

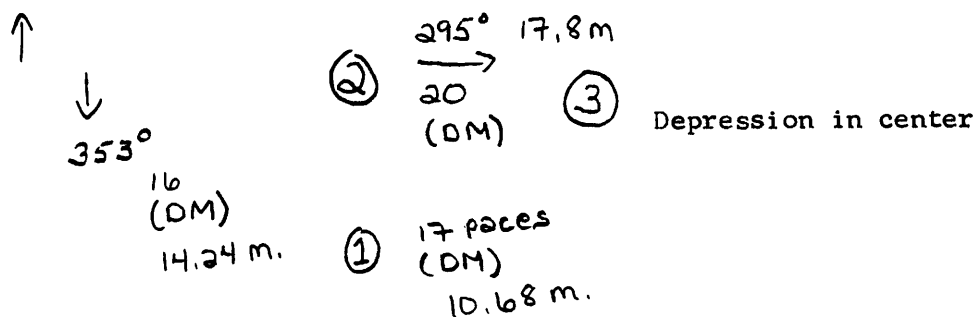
16. The sixteenth part is a list of names and addresses.

17. The seventeenth part is a list of names and addresses.

18. The eighteenth part is a list of names and addresses.

19. The nineteenth part is a list of names and addresses.

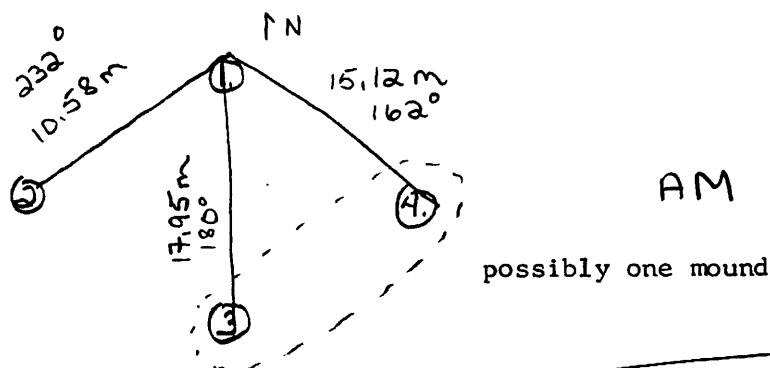
## (14) LC 1.2 Sightings from mound 2



① Radius - 4.45 m  
5 paces (DM) ③ R - 5.34 m  
6 (DM) 2. R - 5.34 m  
6 (DM)

Perimeter - 24.1 m  
34 paces (HM) P - 25.56 m  
36 (HM) P - 24.1 m  
34 (HM)

## LC 1.1 Sighting from mound 1.

(15) SQUARE 7300 UNIT 7 - NW corner is 250m E on the road to La Sequia

Huge hill-overgrown and treey-we establish N side of square along the fence to the S of the road. Six people 15m apart-zig zaggars in the middle.

W (KC) (SR) (AM) (JSH) (HM) (DM)

Uphill KC 95.16m(122)-crest into ravine KC 156m(200) jungly but ground mostly covered with leaves so some ground can be seen. AM, JSH, DM to top of next hill-crest is at S.

At 245paces(218.1m) DM to the E in square-terrain similar but worse. Square abandoned.

Square

7402 175-5-7 Site # 223  
(17) SQUARE 7402 U5-NE corner at Cofradia Highway intersection #3.

We line up along W side of fence along main highway every 20m and walk due W.

(6) N KC SR HM JSH DM AM

Muddy, uneven pasture-looks like it was milpa before?-ploughed plastic

Ravine at AM 21.06m(27). KC scattered sherds in first 20 paces. KC ravine 88.92m(114)

other side(W) of ravine is dryer, unploughed grass. Shrub. Completed N&W section of unit

SW corner intersects S side of carretera at telephone pole. No significant sherd concentrations or features.

July 4, 1975 Stationed at SW corner-inside barbed wire opposite telephone pole.

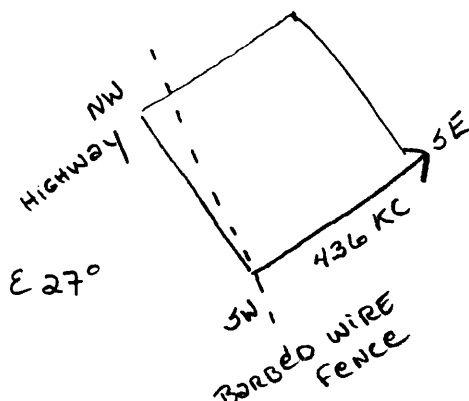
Lined along barbed wire fence-AM paces 333m(436) to E.

20m apart- S AM IS SW DM OR KC

Cow pasture, matted and tufted grass. Road runs  $165^{\circ}$  NE-SE at AM 19.5m(252paces)

(18) S & E sections completed. No sherds. Strip across the highway KC 52.26m(67) unsurveyed.

(7) SQUARE 7299 U5- SW corner 1.4 miles S of Naco bridge on highway. SW point established on small tree across ravine opposite telephone pole.



slight adjustment for ravine, barbed wire, and

highway. Shrubby pasture, low thorns. Ravine

to S of SW corner. Ravine at KC 163.8m(210)

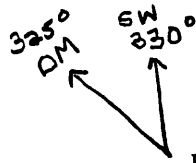
running off roughly to SE.

Barbed wire fence DM 233.18m(262) at N end of line. KC at 253.5m(325) at S. 100m spread.

(Sight 59)

F1 Mounds-DM 276.8m(311) smallest mound- other mounds to N. Highest at 330°

DM → SW  
353°



KC-SE corner

(19) Feature 1 Site 59

Six mounds-sherded, overgrown with shrubby grass and ground cover-very few sherds visible

-dead grass makes it hard to see ground. Mounds 5 and 6 have had stones from surface

removed and piled at edge-but few sherds appear in fresh earth. Sherds continue to E

of mounds to edge of square and to S of 1 and 3. Two of piled stones appear to be cut?

#1 on mapping- perimeters, distances between mounds paced, angles read from mound 2

important stone for datum on mound 2-must be replaced.

Granite boulder 0.75m high recorded. Sherds in one bag.

Moving W barbed wire at 78m(110 KC)-fence roughly N-S. A few sherds at 156m(200 KC)

@ 120m N of S

(20) Maps-refer to book

7201

(21) SQUARE 7201 U9-SE corner 0.2miles SW from Naco bridge on highway then 150m to W

Feature- Site#51A-Naco SW 6 mounds Mound 1-covered with bunch grass approx. .75m

high-some erosion(about 1/2 of mound is visible). Mound 2-bunch grass up to outside of per

imeter. 1.5m high prickly pears on top of mound; sides eroded(N side of top

also eroded). Mound 3-0.75m high bunch grass on E, S, and W sides near bottom.

115  
#  
SITE 1  
②  
Square  
⑧  
Naco

Eroded on same three sides about half way up mound. Top of mound and entire N side covered by prickly pears and bunch grass(1-2m high). Mound 4-almost completely covered with bunch grass about .75m high. Some erosion at top. Mound 5-completely covered with 1m high bunch grass and 1-1.75m high cacti. Very slight erosion at top. Mound 6-completely covered with 0.75m high bunch grass. Surface not visible.

(22) Barbed wire fence-50m due N (fence runs E-W) Paced by KC.

Map on page 22.

(23) N side of mound 2-obsidian concentration (no obsidian visible on other mounds)

Obsidian collected- no sherds visible. Dan M. did mapping, feature sheet.

Perimeters, distance between mounds paced from datum point (Mound 1), angles read from

Mound 1. Mounds are elliptical not round- must have length and width measurements taken.

July 5, 1975-PUF recording

1. Went back to Feature 1 Site 59 to check sketch map accuracy: angles and radii, established a datum point.

2. Feature 1 Site 51A (Sq. 7201 U9)--Mound 2 at  $348^{\circ}$  from SE corner; 28.1m(36-AM)

to middle of mound on the line up line. (PUF is being broken into the new system)

(25) Line on SE/NE border of unit. PUF walking anchor on SE/SW edge. Beginning on edge,

20m spacing. PUF, KAC, Dan AM at 126.4m(162)-fence running to SW. PUF 229.8m

(333) line halted to examine potential features. Osmin-finds a mound(3) due

Now orig  
Square 2

magnetic N from pace 241.5m(350-PUF) F 2 M 1. Steve finds (4) mound due mag. N from pace 236m(342-PUF); SKW doing Feature form F2M2 . 343° from F2M2 and F2M1; both mounds recorded on same Feature form. Mound outside square at 247° from pace 333PUF(229.8m) river cobble facing at 180° from 303.6m(440PUF) -17.3m(25) off line.

(26) Sweep 2-20m spacing

(27) Second Sweep- DM recording at 140m due S-SKW @ 200m. Dan stops at 58.7m(65p) to

record feature encountered by SKW at 63m(84p) E of S line.-51A F4 - AM recording feature form. Mound 1- covered with high grass-no open eroded spots-ground covered in between stems by dead, matted grass. Fairly high concentration of rocks-no artifacts visible- approx. 1.25m. Mound 2-covered by lower grass than Mound 1- rocks present-ground covered by matted grass in most places but a few spots of bare ground. Large tree just to the W of mound-probably destroying the mounds stratification-no artifacts visible. Mound 3-circular mound- some erosion-both larger and smaller rocks- bunch grass-circular. Mound 4-small circular- runs into 3 and 5(see map)- mostly eroded with rocks. A few scattered potsherds found on mounds 3,4,5,

(29) Ticks bothersome-especially under big tree. But 0 sits there anyway.

Remarked that you could drive a car in here and lose it after spending 10 minutes looking for hats marking pair. SWEEP 3-Fence 250m from SE corner; E/W trending. PUF recording-once again in southern edge marker at 41.4m(65p)--a fence. Dan has possible mound<sup>✓</sup>-will not stop-no rocks-one obsidian fragment. Retraction-they are mounds and we are recording. I stopped at 90 paces. Feature 6-PUF exploring off line to furthest mound. Starting there at 90° back to middle mound it is 85.6m(124p). Mound 4 to mound 3. At 17.3m(25p) along line encountered very low mound-M5; perimeter is 25 paces, mound is round. Page 30 has drawings except for above 4 words.

(31) At 145.6m(211)-reached center of mound, half on and half off square; very low cobbles showing; artifacts; center is clear of grass 85.8m(110p)-Kassie ran into fence along river. At 279.5m(405PUF) contacted corral with wooden fencing; corrals cover remainder of square in my line of walk-fence 37°; 39.3m(57p) from water section to end along that line-116paces to Rio Naco. Near corrals and house is a water trough (cut) down to Naco River. Bank here is otherwise steep drop off. Cut is through reddish sandstone. Even the richest soil, if uncultivated produces only weeds. Obsidian and sherds washing out at soil and down into cut. Deposits were once perhaps sandstone; now rather decayed. Page 32-maps.

(35) July 7, 1975-PUF, SKW, JMH, on survey starting at Macha guala and highway,



Page 35 cont.

to Chamelecon looking for Tres Pied<sup>r</sup>us and Las Vegas. RAINING!

6:20 AM-under the highway bridge. Natural appearing rock outcropping immediately under bridge which then seems to become a wall(?) - 1m high, 20m long, parallel to water course and about 10m back (West bank). As the stones looked large, and the area easy to find we passed on. Vegetation mixed-easy walking. Bank about 2.5m high on W - flat on right. Down to river edge. Had to cross <sup>SP</sup> Meachoghala. Steve made it on rocks; Jay and I went up stream and walked across; wet sand and gravel bank divides Machaguala-cow patties on the bar. Stones in stream very mixed - some .

(36) After 100m crossed back-when rock and sand bar reappears on W bank at base of Buena Vista. PUF wastes  $\frac{1}{2}$  hour trying to cross stream. Wades across-water  $1\frac{1}{2}$  ft deep. Towards confluence gravel and sand about 100m from <sup>h</sup> hill to water; about 50m grass and trees from hill to sand. At confluence, Machaguala mouth approx. 200m wide. Up Cham.-fence parallels river; path on both sides of barbed wire. Vegetation jungly. As fence creeps up hill we cross to beside river (7:10). Bedrock outcrops-interesting grey with marble like inclusions. River meets base at hill-up and over bedrock.

(37) 7:20-This is probably the large rise to the

7:20-Bank widens-vegetation more lush and tangly. Should be approaching

1975- Surveying Chamelecon around Buena Vista

N75-5-13

TOP

Tres Piedras. But will we see it? Remaining on path between river and fence.

Many low hisses. Trend of river E not S anymore-wide sandbank in center.

7:30-encounter large number of cobbles. S(illegible) a bit between

river and fence. No sherds but rocks suggestive although there is soil

on top of them toward path. 7:40-This is probably it-large rise to our

right, lots of stones. Will investigate further on way back. Vegetation atro-

cious. People on E bank-smoke rising. Shortly past puff site path once

again wedged between mill and river.

10:00-mounds of ~~Tres Piedras~~ located.

N75-5-15 Bottom

(44) Not much left-we went from path to river. Several areas have cobble "pavements"

no doubt from eroding away. The vegetation between path and river is thick.

SW and W of path vegetation thick for a bit, then somewhat more open to W of

hills. Mounds in this area. 2 mounds about 1m high and 5-8m across, cobble

all around. Tres Piedras is a bust. Nada. Given how much the river has

changed elsewhere, Tres Piedras may have washed away. SK and P said

approximately  $\frac{1}{2}$  was left. We did find a ridge all earth and stone fill, long

enough to have been the "bank." Sk and P <sup>cut</sup> ~~met~~. We scrabbled around, but no

artifacts at all, even in a pit obviously dug by looters.

Page 44 cont.

N75-5-16. TOP

If this is  $\frac{1}{2}$  a site, it must have been only 6 or 8 mounds! (the bank was

cut on both sides-or was a wall) collected rocks in the Machaguala and

quite a variety.

N75-5-14 TOP

Observed #103

Observed #103

SITE NO.		NAME		MAP REF:	
LOCATION DETAILS					
SITE DESCRIPTION					
WATER SUPPLY		TERRAIN		VEGETATION/CULTIVATION	
POTTERY			STONE		
OTHER FINDS					
TENTATIVE CHRONOLOGICAL PLACEMENT					
DISTURBANCE					
LANDOWNER					
OTHER COMMENTS					
CATALOGUED ITEMS					
FIRST VISIT BY		DATE		COMPILER	
PHOTO REFS					
NOTEBOOK REFS					

DRAWING REFS

N75-5-13 <sup>17th</sup> ~~24th~~

(38) 8:00-Reach broad, flat area- looks likely, but nothing-no rocks, <sup>g</sup>sherds,

nada! Try and talk to camp<sup>e</sup>sinos, they say there are no (illegible) <sup>(probably</sup> ~~manicures)~~

but the cows are fierce. Woops-Jay finds mounds-2 mounds-cut through.

Drop off to river approx. 25ft, higher from mound tops, and a third smaller

one. Valley half-moon shaped - river no longer at base of cut, but is a pool-

looks stagnant. In a possibly destroyed mound, a few sherds. Had discussion

of a stone-Jay and Steve thought it out, I didn't. On finger of foot <sup>h</sup> will

another mound. Sherds scattered around M6-no consistency. No diagnostic items.

Where did SK and D get there <sup>ir</sup> stuff?

12:30- finished Tres Piedras. From M9 30 ft. to cut bank; from there about

200m to actual river.

July 8, 1975-6:25-cross Machaguala-Steve and Jay skipping stones. After

confluence river trends N-S. Where path hugs hillside river runs ESE-WNW.

River begins to bend to E. <sup>a</sup>Ground "horn". Small island a few meters-in

course. Cham back to SW/NE trend-rapids can be heard. We are <sup>r</sup>around "horn"

Large gravel -sand bank extends from W shore of river. Cham

(illegible)

N-S maybe 150-200m then goes back to E-W. 7:10-At

~~Las Vegas~~-E side of area is suspiciously lacking in mounds. Trees are small

possibly was farmed. Found new "mound"-again it's pretty destroyed.

M12- N

M13-just scattered rocks

N75-5-14  
Bottom

SITE NO.			NAME		MAP REF.	
LOCATION DETAILS						
SITE DESCRIPTION						
WATER SUPPLY		TERRAIN		VEGETATION/CULTIVATION		
POTTERY			STONE			
OTHER FINDS						
TENTATIVE CHRONOLOGICAL PLACEMENT						
DISTURBANCE						
LANDOWNER						
OTHER COMMENTS						
CATALOGUED ITEMS						
FIRST VISIT BY		DATE		COMPILER		
PHOTO REFS						
NOTEBOOK REFS						

#101

About 150-200m upstream <sup>(near E Pt. #101)</sup> can look out over river-

(bank 50m ?) Cham divided around an island, running roughly E-W. Further

N75-5-13 Bottom

N75-5-14.

Page 39 cont.

*Buena Vista Mound  
Pt. of #101 & Las Vegas*  
down a prominent mound on a hill-magnificent view! Can see at least a  
kilometer. The mound is ~~located~~ 4 pits, one huge one in center. Plaster  
in the small pits! About an inch thick. Holes look new-toomuch of this.  
A 2-3m apron of cobble and dirt runs around mound on down slope-SK and P  
don't mention this-could it have been overgrown? Mapped hurriedly-took  
many photos-20 minutes. Few skrds, no obsidian. Set back 11:20. No time  
to check tagged area. Maps on page 40.

(41) At F2 (lookout point?) river far below the area of building. Must check  
areal photos. Go in tomorrow from Manacal-would even drive to site-a car  
track exists and has tire marks. The road goes down to river through a  
gate- possibly worth looking at(into).

SITE NO.		NAME		MAP REF.	
LOCATION DETAILS					
SITE DESCRIPTION					
WATER SUPPLY		TERRAIN	VEGETATION/CULTIVATION		
POTTERY		STONE			
OTHER FINDS					
TENTATIVE CHRONOLOGICAL PLACEMENT					
DISTURBANCE					
LANDOWNER					
OTHER COMMENTS					
CATALOGUED ITEMS					
FIRST VISIT BY		DATE		COMPILER	
PHOTO REFS					
NOTEBOOK REFS					

Jay finds unusual rocks on hill up from M13-square holes. We collect a small one. Large range of sizes-portable to nonportable. M13 looks like series of rim terraces from the car paths. It does look squarer now to us all.

But S&P still had good imaginations.

*Invalid comparison*

- (43) Comparison of SK and P and what we have: Our D6 is probably their central mound VD. Our 12 and 13 may be remains of what they call "large mound on the north". E and S mounds are rounder-especially our 1 and 2. M6 is "low stone covered mound 40m to W." M4 is "central mound" little remains. M5 is "terrace to S" The gullies, etc. ~~they~~ describe are impossible. The river is to SE and a little island. The gully exists on the E, below M1,2,3-an old river course. The river is not to S and W-the W is the hillside!

Tres Piedra #100



SITE NO.			NAME		MAP REF.
LOCATION DETAILS					
SITE DESCRIPTION					
WATER SUPPLY		TERRAIN	VEGETATION/CULTIVATION		
POTTERY			STONE		
OTHER FINDS					
TENTATIVE CHRONOLOGICAL PLACEMENT					
DISTURBANCE					
LANDOWNER					
OTHER COMMENTS					
CATALOGUED ITEMS					
FIRST VISIT BY		DATE	COMPILER		
PHOTO REFS					
NOTEBOOK REFS					

#101

N 75-5-16 m 46

(45) July 9, 1975-False start at Chamelecon. Vegetation too thick to go by river.

Cross field after seeing bicyclist and horseman. Find road, cross, <sup>(Brock)</sup> <sup>Crack</sup> check

and the first thing is Buena Vista! We walked all that and could have been

driven!!! 7:00-Looking for more mounds. Found one-not well defined

although it is a mound. Nearby is another rise-no rocks. Will look.

Found river on S and E and ravine on W. The road we drove to the Chamelecon

onto the path and the road to Buena Vista intersect. Can drive to Las Vegas

from ranch. 7:15-Back to Cham to look for old river course and Los

Focos. We missed (almost) a small looters pit and some sherds. Will collect.

Found a small wash-is loaded! Pottery at 1.15m and possibly deeper. Lots

of sherds. Page 46-map.

(47) Found Las Vegas-I was collecting and Jay and Steve found it.

M4 looks trenched or like it's a huge looters pit. M11 also looks dug into.

Possibly another trench. The "monkey head boulder" is not to be found. Much

at the site is overgrown. The tops of mounds are generally clear. The

mounds have lots of sherds but they're usually nondiagnostic. The river is

Chamelecon Survey - looking for 5 kD sites  
Las Vegas #101

SITE NO.		NAME		MAP REF.	
LOCATION DETAILS					
SITE DESCRIPTION					
WATER SUPPLY		TERRAIN	VEGETATION/CULTIVATION		
POTTERY		STONE			
OTHER FINDS					
TENTATIVE CHRONOLOGICAL PLACEMENT					
DISTURBANCE					
LANDOWNER					
OTHER COMMENTS					
CATALOGUED ITEMS					
FIRST VISIT BY		DATE	COMPILED		
PHOTO REFS					
NOTEBOOK REFS					

Page 47 cont.

N75-5-17.

within earshot, but not really by the site. A channel shift? There are ravines on two sides of the site. I'm glad we found this! What we thought was L.V. is Tres Piedras, and they are more connected than SK and P indicate. The third site is new and is on the map, where SK and P place Tres Piedras. They're wrong I guess. It's satisfying to find this and to have gotten all that pottery. In back of M4 is a steep drop 30m down, rocks for building go 4m down, and have tumbled to bottom. There's no architecture visible, no plaster, visible floors, etc. Also, unlike others, there's no pottery visible in cut. Strange?

MAP COORDINATES

D1 to D2-22.40m/277.5°

D2 to D3-24.40m/211.5°

D1 to D4-25m/143°

D3 to D5-26.60m/134°

D3 to D6-29.70m/163°

D3 to D7-20.70m/264.5°

D3 to D8-30.80m/269°

D8 to D9-23.3m/338°

D2 to D10-8.0m/271.5°

D4 to D11-9.4m/262.5°

D9 to D12-14.6m/124.5°

D6 to D14-49paces(37m)/117°

D14 to D13-4.4m/23°

Equivalencies

D1 = Str. 5

D2 = unmapped str. 14

D3 = str. 4

D4 = Str. 1?

D5 = Str. 3

D6 = Str. 6 (prob.)

D7 = unmapped str. 11

D8 = unmapped str. 18, 17

D9 = unmapped str. 16, 17

D10 = unmapped str. 17, 17

D11 = Str. 2

D12 = unmapped str. 17

D13 = Str. 9 (prob.)

D14 = Str. 8 (prob.)

D15 = unmapped str. 17, 17

Str. 1 = 04

2 = 011

3 = D5

4 = D3

Str. 5 = D1

6 = D6 (prob.)

7 = unmapped str. 15

8 = D14

9 = D13

Str. 10 = F2

11 = F1 (brmnd)

12 = features noted in 1975

14 = D2

Str. 15 = D10

16 = D9

17 = D12

18 = D8

19 = 07

20

SITE NO.			NAME		MAP REF.	
LOCATION DETAILS						
SITE DESCRIPTION						
WATER SUPPLY		TERRAIN		VEGETATION/CULTIVATION		
POTTERY			STONE			
OTHER FINDS						
TENTATIVE CHRONOLOGICAL PLACEMENT						
DISTURBANCE						
LANDOWNER						
OTHER COMMENTS						
CATALOGUED ITEMS						
FIRST VISIT BY		DATE		COMPILER		
PHOTO REFS						
NOTEBOOK REFS						

#132

N75-5-17 B, Han

(49) <sup>1</sup><sub>3</sub> July 10, 1975 - Looked at two rises in pasture near Manacal bldgs. Look very  
artificial but can't find even a crunchy. The stones in the fill are very  
small - only a couple of cobbles of the sort we've come to expect.

Manacal  
Survey

SITE NO.			NAME		MAP REF.	
LOCATION DETAILS						
SITE DESCRIPTION						
WATER SUPPLY		TERRAIN		VEGETATION/CULTIVATION		
POTTERY			STONE			
OTHER FINDS						
TENTATIVE CHRONOLOGICAL PLACEMENT						
DISTURBANCE						
LANDOWNER						
OTHER COMMENTS						
CATALOGUED ITEMS						
FIRST VISIT BY		DATE		COMPILER		
PHOTO REFS						
NOTEBOOK REFS						

#130

Page 49 cont.

V75-38.

T60

Stream in what was old river course-crossed to see path which should be tree like. We heard loud noise and discovered it was a monkey. He likes to get the cows to respond. Page 50-maps.

(51) Encounter a rock scatter and talk to kids about monkeys. No 30ft bank - probably not Los Locos. About 50-75m more-cattle and cobbles but nothing else. 7:40-After 40 min. walking from Manacal, going NW now, highway in sight. I didn't think river bend went this far. Encountered NS running artificial channel while going to investigate some bumps. Usual problem-too wide, too deep. Up to highway to cross. River course EW trending-then switches to NS. Find a mound covered with grass. Field overgrown with grass tufts (1m high) and a few bushes. Also dotted by a few good sized trees. No other mounds. Stopped for a few minutes.

(52) Manacal F2-6.10m diameter/15m high

high grass

to highway



#130

Coords: N 702

775

E 375

375



CURRENT STRENGTHS					PRIORITY FOR STRENGTHENING					
very weak	weak	very strong	strong		low priority	high priority				
1	2	3	4	5	Psychological Anthropology	1	2	3	4	5
1	2	3	4	5	Anthropology and Education	1	2	3	4	5
1	2	3	4	5	Symbolic Anthropology	1	2	3	4	5
1	2	3	4	5	Linguistic Anthropology	1	2	3	4	5
1	2	3	4	5	Urban Anthropology	1	2	3	4	5
1	2	3	4	5	Cross-Cultural Study	1	2	3	4	5
1	2	3	4	5	Ethnology of North America	1	2	3	4	5
1	2	3	4	5	Ethnology of Meso-America	1	2	3	4	5
1	2	3	4	5	Ethnology of Europe	1	2	3	4	5
1	2	3	4	5	Ethnology of the Near and Middle East	1	2	3	4	5
1	2	3	4	5	Ethnology of Subsaharan Africa	1	2	3	4	5
1	2	3	4	5	Ethnology of South Asia	1	2	3	4	5
1	2	3	4	5	Ethnology of Mainland and Insular Southeast Asia	1	2	3	4	5
1	2	3	4	5	Ethnology of East Asia	1	2	3	4	5
1	2	3	4	5	Ethnology of Oceania	1	2	3	4	5
1	2	3	4	5	Archaeology of North America	1	2	3	4	5
1	2	3	4	5	Archaeology of Meso-America	1	2	3	4	5
1	2	3	4	5	Archaeology of South America	1	2	3	4	5
1	2	3	4	5	Archaeology of Europe	1	2	3	4	5

#104

N75-5-18

Jay and Steve are tired today. 8:40-resume trek to Chamelecon. Ditch contin-

ues it's NS trend(path). Old river course NW/SE. Found mounds-a set of 4.

#104

low and scattered  
larger mound 2-3m high

possibly larger

Vaca  
Brava

Page 52 cont.

N75-5-19. Pop

Unrecorded-Steve and PUF were attacked by a cow-no joke! We circled around a tree, then ran for a larger one. Steve hoisted PUF up and we both clung there for about 15 min. Finally came down slowly and got away.

- (53) Cow had sick or dying calf and was upset. It was a very close call-I kept thinking what a lousy way to die. She missed us by only 6 inches of several passes. Checked out mounds that could be seen from other field. A group of 6, few sherds. About 350m away is a large but low feature which could be a mound despite the lack of cobbles. These are near the ~~old river course~~ <sup>Manacal Creek</sup>. Probably <sup>No!!</sup> Los Cosos or a kissing cousin. <sup>yes</sup> Sitting and waiting by a bend in the road. Road running ENE/WSW. Around bend to E road goes E/W. How far have we gone? Page 54-maps-"The Cow and the Archeologists"

7. If you were rating the department's program in each of these areas, how would you rank them in terms of current strengths and in terms of the priority for strengthening them in the future. (Circle the appropriate number.)

a.

CURRENT STRENGTHS					PRIORITY FOR STRENGTHENING				
very weak	2	3	4	5	low priority	2	3	4	5
very strong	1	2	3	4	high priority	1	2	3	4
Cultural Theory	1	2	3	4	5	1	2	3	4
Statistical and Formal Methods of Analysis	1	2	3	4	5	1	2	3	4
Ethnographic Method	1	2	3	4	5	1	2	3	4
Archaeological Method	1	2	3	4	5	1	2	3	4
Human Biology	1	2	3	4	5	1	2	3	4
Anthropometrics	1	2	3	4	5	1	2	3	4
Social Organization	1	2	3	4	5	1	2	3	4
Cultural Ecology	1	2	3	4	5	1	2	3	4
Ethnohistory	1	2	3	4	5	1	2	3	4
Anthropology of Religion	1	2	3	4	5	1	2	3	4
Economic Anthropology	1	2	3	4	5	1	2	3	4
Political Anthropology	1	2	3	4	5	1	2	3	4
Primatology	1	2	3	4	5	1	2	3	4
Human Paleontology	1	2	3	4	5	1	2	3	4
Medical Anthropology	1	2	3	4	5	1	2	3	4

#118

N75-5-14 Bottom

(55) July 11, 1975-6:40-Set off along Chamelecon from Manacal heading for Rio Naco. A lot of gravel, etc., in Cham here, small island, etc.-lots of previous change in the channel. Cham makes large bend from <sup>orientation?</sup> ~~NNW/SSE~~ <sup>seems impossible</sup> to N/S after gravel and cobbly area. We're looking in rocks for serpentine: a small piece came out of the Machaguala. 7:35- River running N/S. Hard going, lots of vegetation over fences by river looking for paths and clear areas. A little corn but mostly over grown fields. 8:00-River trends SW/NE. 8:15-Reach Rio Naco Weaving W along river. A path exists, also fences, but area is basically overgrown. A few cows. 8:40-About 100m from Rio Naco-mounds.

R. Chamelecon on Manacal Ranch  
#118

N75-5-80 TOP

(56) Low house mounds. Little way to locate them with respect to anything else. Too overgrown to map. Evidence of mounds 50m further on towards old bank. Naco must have wandered a bit, too. The cobbles could be natural but they are rather mound-like in places. A road runs along lower part of the bank. Fences are in disrepair despite presence of livestock. Mehepas? N end of rancho 9:30-10:00-Took break on N side of rancho on group of large rocks. They appear to be natural, tho we're ckecking for petroglyphs. Heading N from rocks-two parallel ridges-natural or not? They run E/W. Found a sherd inbetween.

Manacal Ranch Survey  
#118

Excellent-->(4)  
 Good-->(3)  
 Fair-->(2)  
 Poor-->(1)  
 No opinion-->(0)  
 ↑  
 ↑  
 ↑  
 ↑  
 ↑

b. Stipend or payment for assistantships. .... 0 1 2 3 4

c. Absence of unnecessary 'dirty work' in duties assigned to assistants. .... 0 1 2 3 4

d. Extent to which duties contribute to student academic development. .... 0 1 2 3 4

e. Chance for the assistant to act in a professional role. .... 0 1 2 3 4

f. Relevance of work to ultimate professional duties. .... 0 1 2 3 4

g. Degree to which staff members treat assistants as colleagues. .... 0 1 2 3 4

h. Fair and equitable administration of assistantships. .... 0 1 2 3 4

i. Supervision of teaching fellows. .... 0 1 2 3 4

j. Office space and equipment for teaching fellows. .... 0 1 2 3 4

6. Three general areas of emphasis describe most graduate programs. Some programs give primary attention to the preparation of scholars and researchers; others lean more toward the preparation of teachers, and still others give emphasis to preparing professionals for other types of employment. How much importance do you think your department now assigns these different purposes or functions? Circle the appropriate number.

IMPORTANCE NOW GIVEN IMPORTANCE SHOULD BE GIVEN

None	Extreme	Preparing Scholars and Researchers	1	2	3	4	5
None	Extreme	Preparing to Teach in Liberal Arts Colleges	1	2	3	4	5
None	Extreme	Preparing to Teach in Secondary Schools	1	2	3	4	5

#108

W75-5-20 Riddle

(57) Found some mounds in field on Manacal property. Came on mound and in farm field from S, as we walk N. Then cut-found above mentioned mounds.

Actually, we're rather lost.

4. How would you rate your department's degree requirements and curriculum? (Circle one number on each line.)

Excellent--(4) ↑  
 Good--(3) ↑  
 Fair--(2) ↑  
 Poor--(1) ↑  
 No opinion--(0) ↑

a. Clarity of stated requirements for the degree. .... 0 1 2 3 4

b. Agreement between degree requirements and the stated objectives of the department. .... 0 1 2 3 4

c. Relevance of courses in related fields to meet degree requirements. .... 0 1 2 3 4

d. Appropriateness of language requirements. .... 0 1 2 3 4

e. Opportunities for independent study. .... 0 1 2 3 4

f. Flexibility of program requirements to meet individual needs. .... 0 1 2 3 4

g. Logical structure or sequence of courses. .... 0 1 2 3 4

h. Fairness with which qualifying examinations (or equivalent) are administered. .... 0 1 2 3 4

i. Breadth of course and program offerings. .... 0 1 2 3 4

j. Depth of course and program offerings. .... 0 1 2 3 4

k. Relevance of requirements to anticipated work in the field. .... 0 1 2 3 4

l. Relations with related departments in the university. .... 0 1 2 3 4

5. How would you rate your department's program of assistantships? (Teaching or research. NOTE: Skip this section if you have not held an assistantship in this department. Circle one number on each line.)

Excellent--(4) ↑  
 Good--(3) ↑  
 Fair--(2) ↑  
 Poor--(1) ↑  
 No opinion--(0) ↑

a. Number of assistantships available in the department. .... 0 1 2 3 4

#105  
N75-5-20  
July 12, 1975-6:30-Parked car and set off along  
+  
on

( river. 6:55-reach old water course. Start up it. Find a few sherds in the  
sand and gravel..Lots of sand, some cobbles. They're probably from the river  
shifting-no artifacts. 7:20-Found a mound! and one sherd-Los Co<sup>c</sup>pos F1.  
Found and mapped Los Co<sup>c</sup>pos-18 mounds plus. Steve and Jay recorded, I  
climbed down to dig pottery out of the banks. Soil from 1-2m deep-1 bearing  
(58) sherds, covered a stone layer-pebbles mostly. Red painted sherds were there  
too;.but seemed to be coming from under the stoney layer. It was hard to  
tell since there was a lot of erosion. The red sherds were thin and hard,  
the rest were utilitarian, thick, gritty, and very friable. The earth was  
often harder than the pottery. When I started seeing a lot of snake skin I

Page 58 cont.

N75-5-21  
got worried. Between Los Co<sup>c</sup>pos and the attack mound (in the highway almost)  
are mounds though no large concentrations. They're strung out along the  
trees and water course. what mounds?!



3. How would you rate your department's faculty on the following items. (Circle one number on each line.)
- x. This department is really a collection of individuals; very little in the way of truly team or joint efforts take place in this department. .... 0 1 2 3 4
- y. Students here tend to get 'adopted' by certain faculty members. .... 0 1 2 3 4
- Legend for x and y:
- Agree strongly--(4) ↑
  - Agree with reservations--(3) ↑
  - Disagree with reservations--(2) ↑
  - Disagree strongly--(1) ↑
  - No opinion--(0) ↑

- a. Accessibility to students. .... 0 1 2 3 4
- b. Helpfulness to students in identifying sources of financial assistance. .... 0 1 2 3 4
- c. Useful criticism of your professional development. .... 0 1 2 3 4
- d. Concern for your professional development. .... 0 1 2 3 4
- e. Guidance in the selection of courses. .... 0 1 2 3 4
- f. Willingness to go out of their way to help you if you ask for it. .... 0 1 2 3 4
- g. Helpfulness in dealing with classwork. .... 0 1 2 3 4
- h. Knowledge of the field. .... 0 1 2 3 4
- i. Scholarship or research excellence. .... 0 1 2 3 4
- j. Excitement for new ideas in the field. .... 0 1 2 3 4
- k. Overall quality of teaching. .... 0 1 2 3 4
- l. Interest in graduate students' welfare, including their personal problems. .... 0 1 2 3 4
- m. Helpfulness to students in finding appropriate jobs after graduation. .... 0 1 2 3 4
- Legend for a-m:
- Excellent--(4) ↑
  - Good--(3) ↑
  - Fair--(2) ↑
  - Poor--(1) ↑
  - No opinion--(0) ↑

(59) July 16, 1975-JSH and I tramped around Naco for 1½ hours. Located <sup>NPS-3</sup> the <sup>7, date</sup>

central group. The main mound is destroyed-but I doubt it ever was 4m high.

3 or 4 plaster floors are visible, but few sherds in the cut away side.

After much discussion we agreed that the remains were the central mound.

Then we walked around trying to get the rest. Area is very bush covered-

and is Naco's shithouse. A pleasure. Anyway, located other trenched mounds

and ball court, at least one wall there of. Two of the curved mounds are

cut by the road, and sherds are visible, also obsidian. But no architecture.

Another is completely destroyed by the road, plowing in the next field,

and pitting. All through the area are little haaps of earth with sherds.

Sherds are junky, but we got one with spout.

(60) Later at home rechecked the report and our conclusions are substantiated.

Naco is not that impressive. The "ball court" is a real nothing. Of course

they missed a lot. But the "center" is very unimpressive. The <sup>K</sup>kidder in

question is <sup>K</sup>kidder II which means I have to lay low at Penn when and if

#112

July 18, 1975 - Leaving Sue R. and Dan to take a pillar

N75-5-21P

80772

#112 profile at El Regadillo. The mappers found lots of features and KAC, JSH, and I are going to look at them. M immediately above ER pits is pitted-

Page 60 cont.

N75-5-20

#112 Survey sherds on back dirt not cobbles, but the limestone from the hill. Difficulty in telling natural square fractures from cutting. Second one the SE 15-16m. On contour map. M3 SW of pit-moving up hill. Looks like KA6 says, 3 concentric rings of cut stone. Maybe returning wall? JSH is taking dimensions in his notebook.

(61) M4 small-near M1,2,3. M5-larger and is it mound or natural? Transitted in, but no datum. Is in profile and contour. Interesting stones; looks like a lot of whacking off of large flakes in hopes that the nodules were decent tools stone. The whole hill is limestone. Should be fair number of nodules.

j.	Departmental practices create a lot of tension in students.	0	1	2	3	4
k.	I would advise a friend with similar interests to come to this department.	0	1	2	3	4
l.	There are many opportunities to take courses in other programs and fields.	0	1	2	3	4
m.	Students here are highly competent.	0	1	2	3	4
n.	I have learned a great deal as a student in this department.	0	1	2	3	4
o.	Competition among students is encouraged in this department.	0	1	2	3	4
p.	Students here tend to support and help each other meet the academic demands of the program.	0	1	2	3	4
q.	This department does a good job of placing its graduates in appropriate positions.	0	1	2	3	4
r.	Many faculty members do not prepare adequately for their graduate courses.	0	1	2	3	4
s.	This department is a stimulating and exciting place to study.	0	1	2	3	4
t.	I have learned as much from students here as from faculty members.	0	1	2	3	4
u.	There are many opportunities for student-faculty interaction outside of the classroom.	0	1	2	3	4
v.	Certain students tend to be given preferential treatment by the department.	0	1	2	3	4
w.	There is a good 'fit' between the departmental requirements and your goals and interests in the department.	0	1	2	3	4

Agree strongly---(4)  
 Agree with reservations---(3)  
 Disagree with reservations---(2)  
 Disagree strongly---(1)  
 No opinion---(0)

#63

N 75-3-22

Recpt  
is not  
Urban

B. V.

Calzada Escondida Site 62-Mound group on W of highway approx. 2 miles(?) S

of Pepsi stand. Paced distance from highway starting at gate; encountered

first mound in road at IS478 paces, SR 454. Mounds cont. for 101 IS, along

road. Road runs at 295° (WNW), mounds on either side of road. 17 obvious mounds

within 20m either side of road. Datum point on highest mound (approx. 3m high)

of mound(1) group surrounding road. Large mound (noted by Henderson) is 25°

E of N from datum. Mound 2 (round) has looters pit in center of top; it is

approx. 2m high. Vegetation on mound is sparse; mostly tall, dry grass.

Very large tree on S edge of mound 1. At least 5 mounds have been

(62) destroyed by road. Looters pits also in M17 and M23. M4 is very oblong.

#113  
Descalzada

# GRADUATE STUDENT QUESTIONNAIRE

1. In which subfield of anthropology are you concentrating?

\_\_\_\_ Archaeology  
 \_\_\_\_ Physical  
 \_\_\_\_ Socio-cultural  
 \_\_\_\_ Linguistic

2. To what extent do you agree with the following statements about your department and its graduate programs of study? (Circle one number on each line.)

↑ Agree strongly--(4)  
 ↑ Agree with reservations--(3)  
 ↑ Disagree with reservations--(2)  
 ↑ Disagree strongly--(1)  
 ↑ No opinion--(0)

- a. The academic demands upon students in this department are very heavy. .... 0 1 2 3 4
- b. A single 'school of thought' or scholarly viewpoint dominates this department. .... 0 1 2 3 4
- c. This department makes a consistent effort to help students become effective teachers. .... 0 1 2 3 4
- d. If I had a chance to go to another school without losing much in the transfer, I would go. .... 0 1 2 3 4
- e. This department is providing me with very good preparation for my later professional work. .... 0 1 2 3 4
- f. Students in this department have opportunities to influence decisions in areas such as curriculum, etc. .... 0 1 2 3 4
- g. It is fairly common for students in this department to get the feeling that they are being used or exploited by members of the faculty. .... 0 1 2 3 4
- h. This graduate program is one of the best in the field. .... 0 1 2 3 4
- i. This department has a humane environment characterized by mutual respect and concern between students and professors. .... 0 1 2 3 4

M4 and 5 represent southern perimeter of mound group around road. M8 has been cut off by road (Dan estimated perimeter). Dan paced, Suzanne mapped. and Ilene recorded in survey book and sherded. Mound 10 is split in two by road. Polychrome sherd found on M11. M11 and 12 may be one mound-their shapes are indefinite. Fields in which mounds are located used for cattle grazing. Grass is trampled down around mounds and ground is not visible.

Ilene intensively sherded mounds and area around them. About one third bag of pottery collected. Large isolated mound 300 paces (IS), round shape. Ran into small mound S of isolated mound at 279 paces. Large isolated mound approx.

3.5m high, perimeter 94 (IS) paces, round shape; vegetation: slight erosion, mainly trampled down grass, a few bushes on W slope. Apparently no other

mounds to N and E of this large one. Small mound (perimeter 35 IS paces, diameter 13 paces) directly NEXT to S side of large mound. This small is oval with its long axis running E-W and has a depression (circular) about

(63) 1m in diameter and 50cm deep in its SW corner. Vegetation on small mound is also tall grass and bushes; ground not really visible. Mound at 279p

is SW of small mound attached to large mound. Its' diameter is 12p, perimeter 44p (round). Mounds continue to SW of large mound (at least 9

visible). They are all approx. 1-1.5m high and covered with thick bushes.

Sherds were collected from area of large and other mounds. Small mound

app

#113 Des cal roads

Page 63 cont.

approx. 10m to W of barbed wire fence have been completely dug out by looters.

Most of pottery collected from there. Causeway starts 63(IS) paces from

NW of datum<sup>1</sup>, meandering N all the way to the large isolated mound. The

causeway is approx. 1m high and approx. 1-2m wide, with no vegetation on it.

and no visible stones. At the N end (approx. opposite large isolated mound

1) 3 or 4 ramps come off the causeway perpendicular to it. It turns at a

90° angle at the very end(N), also seeming to form a ramp.

July 22, 1975-Feature 1- Mound 1: perimeter 93(IS) roughly circular bisected

by road, lower part of it on W side of fence.

(64) Large Isolated and Surrounding Mounds:



← continues at least 8 more mounds

July 22, 1975-Return to finish mapping and sherding. Calzada Escondida #62

Transitting in the causeway. Transit placed on M1-datum point on white paint

on rock. Spreading out to locate mounds around M1=IS, DM, SR, SKW, High scrub

brush and grass; mounds other than main mound very low and hard to locate.

KC 7.11 mound 1 and adjacent small mound

KC 7.12 end of causeway going S

DM reports no mounds in NW quadrangle with mound at center

KC 7.13 looted pit

SKW to E: M2-questionable-low rise, pottery, no stones. M3-covered with

cobbles and rough granite boulders. Datum marked. Roughly round.

Descalzada



Page cont.

M4: Same size as 3; few exposed rocks-granite type, datum marked. M5: oblong running E-W, very few stones, what exist are granite type. Datum marked.

M6: datum pt. 1mE of center; oblong running E-W, same type of stones.

M7: small bumps, artificial rise but no stones. No datum. M8: datum on fallen tree. Earth rise-no stones. M15: IS-heavy concentration of sherds.

Collected.

11/3  
(67) July 22, 1975-IS-M9: overgrown, medium high, lots of cobblestones, datum.

# M10: datum, tree in center, radius estimated; large cobbles. M11: datum, fairly tall, cobbles on sides, oblong, runs into 12 (M1: 4m high, cobbles and granite chunks-all white) M12: covered with cobbles, some loose and added by farmers. Roughly round. Datum point. M13: completely overgrown, cobbles, looters pit, datum, diameter estimated. Problems with thorns-barbed wire fence and trees. No datum. M14: datum, two loci for ellipse, cobbles, grass, eroded areas. M16: runs into 14 on N side, datum, circular, few cobbles, a bit eroded. M17: datum, perimeter estimated, large tree obscuring into SW corner extends a little past fence, covered with bushes, but eroded a few sherds, oval. IS. Mound 15: large oval mound, NW-SE, N and S ends large looters pits. Three bags of sherds plus some collected the other day.

Descalzada  
Shoulders (degraded) by looters-pits approx. one year old, eroded surface, small bushes, datum. Measurements approx. because of holes. 2 manos traps and cut stone. M18: (SR) roughly circular, large pit in center, rocks thrown

on E edge of mound, datum.

(69) M19: no datum, perimeter undefined, flat, heavily vegetated, circular.

M20: circular and spread ;out, very low, perimeter:estimated, fence runs

through it, sparsely vegetated, on W half. M21: circular, sparsely vegetated

datum, large rocks. M22: no datum, circular, overgrown, few rocks. M23: datum,

dense vegetation, a few large rocks, diameter estimated, higher on N than S.

Causeway transmitted on same datum on M1: ends in circular area at N. C1

ramp perpendicular to causeway C2. C3- perimeter 35(15) (SE ext) circular

area, central depression. C4- eastern most side of extension. C5- causeway

C6-extension-E. most point. Extensions 1-2m wide. causeway varies from

1.5-4m wide. Circle C7-on W of causeway-SW side perimeter 70(IS) depression

in center of circle. C9- circle on causeway-W side 47(IS) perimeter-depres-

sion W of center. C10- higher point on causeway 33(IS) perimeter. Small ex-

tensions to E and W before C11. C12-main causeway. C13- main causeway. Map

on page 70.

(71) Slight widening to E and W. Two sherds from C14-only sherds. tp-0° 4 to N

and C14. C15 on causeway, circular lump on E side of causeway. C16, 17, 18,

on causeway-it peters out. Extensions slope down-appear to be small ramps.

$\frac{1}{2}$  to three fourthsm high=causeway. Meandering causeway-drawing only reflects

general direction. Beaten earth surface, slight (rejection) in depressions.

#113

Descalzada

(73) July 23, 1975 - Luis Nolasco-identified M3, trench dug by <sup>strong</sup> ~~Sherry~~ Kidder and

Paul-for 15 days 15 N. Americans. It had a red floor. He dug with them.

Points out depression to SW where they also dug. Mounds extend to across

road to E and N and SE-described as low. Identified low row of stones

running S10 E fn.-edge of ball cause-he describes an L. Modern graves located-

Kidder trench located. 16(AM) paces between walls of ball court. SW wall

of ball court runs under modern house. M8 identified destroyed on road by

bulldozer-described as high. Directly to the SW of M-A across dirt road-

path destroyed by road and house. cobbles. Describes two high mounds to S.

Nehim to ball court-shows 2 trench between walls. M9-trench-now modern road

fuel to E, cobbles visible, buried dissembled as deep and round-5.5(AM) to

N-surrounded surrounded by small stones? Plaster from floor and this mound

cut through by road. M7 across road to NE-(maps on page 74)

(75) Pebble lined exist on S side of mound. Where <sup>7</sup> ~~HERE~~ <sup>HERE</sup> S INDECALED TRENCH ON

M9-must be user lined with stones. Shows us N side of 3. W4 rock lined exits-

Looks like 2 or 3-he says one. 5 on road now-correct shape and <sup>7</sup> ~~orientation~~ <sup>orientation</sup>.

Across road to N-bulldozer 6 tall mounds-at least one meter. Jose Nolasco

also dug-20 years ago. To E-round mound ~~of~~ with central depression -trench

according to Luis-plaster floors etc., dug out of it/=M1. (Can't find M12.)

Page 75 cont.

M2 located and 14-dug wash between. In the Spanish period-water came from dry wash. Nassau area shown as M17 clear but Luis says it's not a mound.

Low 8m wall in middle of road-328° E of N-says tall mound was to SW-gone totally. For 8 paces(KC) wall around M29. Yoyo drawing on page 76.

- (77) Spanish canal for water-to the E of complex-11° E of N is orientation of canal. Could relate to map as extension of dry wash,.Walking E across pasture, many sherds, manos and metate frags. Figurine given by child-found on animal burrow by path. Girl has bead(Illegible word)

We asked to see stone yoyo again. Out in field-3 mounds med.-15, 16, 18 and another very low. M17 located-large oblong, many cobbles. N-S, dry wash to E located-he calls it canal-two mounds on W=23 and 25. Found Spanish esclavos. More mounds to NE. Walking across the pasture-many low eroded spots. possibly leveled mounds? Many sherds. To E ½km-2 mounds just S of road.

7:30-9:30. We start in central complex. Borrilla Gastel-Cornell? SPS came here last Sunday. Page 78 diagram of yoyo.

- (81) Photos:M6 (KC)6-M3 from 6 showing trench. M6-diameter(KC) 30. Perimeter-impossible. Cobbled, pitted, possible round and oval pit graves? (KC perimeter 70 and(75?) few cut stones, mostly large rounded cobbles, looter pit, SW side remains of at least 2 plaster floors, possible internal wall.

M3: oblong, EW axis 11.7m(17 IS), NS axis 28.9m(42 IS), M6 datum yo M3 datum. 82

82° E of N. N side of trench 84° E of N, S side 96° E of N. Trench completely bisects mound in EW line. S side of trench to mound edge on N-S axis runs 154° E of N M3 to M6-21(IS). M6 to A on road 227° E of N 13.1m(19p IS). M3 to B on road 165° E of N 64(IS) 44.1m. M3 to main road(c) 16° E of N 65(KC) 50.7m. Page 82-drawing and description of tools: hand made, crude, dark, red slipped, (illegible word) 3 tripod legs, 1:1. Lower drawing: opaque black obsidian, greasy looking, 1:1.

(83) M12-C to D on M12 265° E of N 15p(IS) 10.3m. C to E on M12 169° E of N 23p(KC) Long axis M12 27p(IS) 18.63m. Short axis approx. 13p(IS) 8.97m, very low mound extending into main road. M4-small mound(round), C to M4 212° E of N approx. 45p(KC) 35.1m, diameter 10p(KC) 7.8m. M1-C to NW edge of M1 33(KC) 25.7m 121° E of N. Mound B- C to N end(F) 21(KC) 16.38m 78° E of N. C to S end (G) 25(KC) 19.5m 116° E of N, perimeter 50(KC) 39.0m, lg. axis runs approx. 192° E of short axis 12(IS). M5- C to M5 246° E of N 51(KC) 39.7m, long axis 33(IS) 22.7m, short axis 14(IS) 39.7m, long axis runs 246° E of N parallel with road at this point.

(86) M9-M3 to M9-edge of burial-29(KC) 22.6m 199° E of N. Perimeter approx. 60(KC) one plaster floor visible at road-about level with lowest floor on M6. E edge of burial to M9 edge 7(KC) 5.4m 140° E of N. Ball Court: M6 to E side, N end 212° E of N 55(KC) 42.9m. Only low rocks visible, house cuts across west side.

Page 85 cont.

M7-edge of M9 to W side of burial on M7 \*8(IS)5.5m  $112^{\circ}$  E of N. M10 and 11 seem to be one-directly E of M7. Not able to get through brush to investigate well. Engineer Valenzuela-Tally the impala bus station-office vidienos.

(Illegible word) Land aroun the Tabacalera on the dffice side of river: fuandesia del N ~~xy~~(illegible) Page 86 blank.

(89) M2:C to S road edge 52(IS)35.9m  $78^{\circ}$  E of N. C to N road edge 51(DM)45.4m  $66^{\circ}$  E of N. Long axis S side of roade 21(AM)16.38m. Short axis 22(IS)15.2m.  $205^{\circ}$  E of N.  $95^{\circ}$  E of N 36(IS)24.8m C to H on SW side of 2 48(IS)33.1m. S side of 2 to b.w. fence, bulldozed field on other side. M14:C to S road edge  $84^{\circ}$  E of N 72(IS)49.7m. C to N road edge  $73^{\circ}$  64(DM)61.4m. Short axis 18(DM) S road cut. 14(DM)12.4m N road cut. Long axis  $205^{\circ}$  E of N, S side 22(DM)19.58m. Road 8(DM)7.12m. N side to b.w. fence, bulldozed field on either side. *New* Inspection of bulldozed field reveals a slight rise extending from 2 and 14 to 41(IS)28.3m approximately N. To be used as a rough estimate of length of 2 and 14. The whole field is filled with small rises but has been bulldozed so much, mounds are difficult to distinguish.

(91) M1:middle of trench in mound  $132^{\circ}$  E of N : (S side of E-W cut)  $121^{\circ}$  E of N (N side of E-W cut) middle of mound 10(IS)6.9m, to NW side; 39(IS) to C 26.91m estimated radius 12(IS)8.28m. M13: $286^{\circ}$  E of N C to high pt. in mound (not exact center) 39(DM)34.7m to fence, 34(IS)23.5m to C. 28(DM)24.9m long axis.

Page 91 cont.

15(DM)13.6m short axis  $98^{\circ}$  E of N lg axis. Mound C: five large boulders, C to middle  $247^{\circ}$  E of N 12(DM)10.68m to fence. 42(IS)29m to C. Long axis 19(DM)16.9m Short 16(DM)14.2m.  $62^{\circ}$  E of N lg axis in field N of road. Page 92-diagrams.

(93) Mound D: in field N of main road. Short axis 23(IS)15.9m. Long axis 39(IS)

26.9m  $348^{\circ}$  E of N, mano found. C to M-D  $32^{\circ}$  E of N, 21(AM)16.3m C to fence.

76(IS)52.44m M-D to fence. Ball court: The scattered rocks mapped as the NW

end by SK and P are now moved into piles around the yard. Bearing of walls

$310^{\circ}$  E of N 24(DM)21.4m E wall. W wall obstructed by house. Send to house

25(IS)17.3m metate fragment found. Part of scattered rocks found on W side

of NW end. W side house to N end 12(IS)8.3m. Stone cluster 2(IS)1.4m west.

7(IS) long bearing  $322^{\circ}$  E of N house length W side 8(IS)5.4m. No sign of

SK and P's trench. M29: only NW wall visible now. Bearing  $328^{\circ}$  E of N 6(DM)

5.3m length. Luis says there was a high mound to the SW of the wall.

(95) Page 94-drawings. Mound A: 29 to M-A  $258^{\circ}$  E of N 36(IS)24.8m. M-A to fence

approx. 89(AM)69.4m. Diameter 19(IS)13.1m. M8: almost completely leveled.

Determination of size impossible, will resort to SK and P's for size. M8 to

M-A  $230^{\circ}$  E of N 17(IS). Tour with Luis Nolasco approximately 1km toward

highway from Naco on main road approx. 175km N of main road. One mound with

a metate fragment and what Luis says is a sharpening stone. Also, a dressed

stone. Through a field going N from highway flat but concentrations of sherds

all

The following is a list of the items found in the area of the wall, in order of discovery:

- A small, dark, rectangular object, possibly a piece of wood or metal, found near the base of the wall.
- A small, light-colored, rectangular object, possibly a piece of wood or metal, found near the base of the wall.
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The items were found in the area of the wall, in order of discovery. The items were found in the area of the wall, in order of discovery.



all through it. To a field 250m N of Highway bulldozed, evidence of 6 mounds-sherded, Quick compass map on next page. Page 96-drawings.

- (97) Metate fragments (one whole, one with legs) found on C. A is the only mound standing. Site is behind lumber factory. A due E to fence running approx. SE 47(AM)36.7m. A due S to fence running approx. NE 88(AM)68.6m on E side of field. A to datum tree 251° E off N. 463(AM)361.1m. Tree is on fence running 320.5m NE on W side of field. 411(AM)~~351m~~ datum to main road on side road. 450(AM)351m side road to mound 14 on main road. Concentration of mounds approx. 200m NE of datum tree. Not looked at today. Spanish irrigation ditch runs NS on E side of field approx. 50m from E side fence.
- Naco*
- (99) Page 98 has compass map. Page 99-July 25, 1975-We arrived in ~~N~~Naco about 6:00. Waited for Luis <sup>0</sup>~~N~~alasco to show up- and then Osmin and Henderson convinced him that if we were ~~over~~ only surveying we did not need further authority for him to lead us through the Santa Barbara ~~hwy~~ of Naco. -Manuel Nolasco stopped us on street with a fine looking yoyo. We drew it (facing)(page) and photographed it. We returned to look at profiled of mounds 2 and 14. They were clear enough to draw but we didn't have time as we were to meet Luis Nalasco again at 7:00. In mound 2 several floors discovered on E side of road. It is possible that mounds 2 and 14 really represent 4 mounds.

Survey with Luis- crossed to W bank of river-up path about 50m in from bank.

Proceeded about 300m N on path from main road of village. After general re-

connaissance of mounds along path encountered very large one (4m elevation)-

too big for house mound-Luis macheted high grass and we found no cut stones

(101)Page 100-Manuel Nolasco's yoyo-drawing. 101 cont.-evident, though many rocks.

Very overgrown-one piece of obsidian only. Adjacent to the large mound in

another nearly as high with only a valley(5 paces IS) in between. (to the

S of the bigger mound)-No cut stones there either. There mounds are located

very near the N end of the row of mounds along the river bank(on this we

are taking Luis word). Mapping info:

M-A:Long axis 39x21(AM)-Long axis  $270^{\circ}$

M-B:Axis 22x18(AM)-Long axis  $205^{\circ}$

Center M-A to center M-B: $192^{\circ}-5p$ (IS)between perimeters

Estimated elevations: M-A 4m

M-B  $3\frac{1}{2}$ m

Vegetation:1m high grass with monte alto very dense grown.

AM making sketch map of whole area-deciding that we had many more mounds to

cover we decided not to map very accurately but only a sketch map so that

mounds could be easily relocated in years to come. Page 102-sketch map.

(103)M6:few stones visible, no rise-is N of mounds A and B. Mound d-some sherds-

eroded-Eastern side eroded by edge of deep river cut. (River is about 5m out

and 12m down from edge of mound). Many cobbles- mound is cut in two by a

modern path running

Page 103 cont.

modern path running E-W toward N end of mound. Mound e- also eroded by river bank. Apparently mound e was once very large and has slipped down river bank. Dan and Ilene go down river cut behind mound and fields-3m of seemingly inlaid cobbles down river bank. Debate: was this a retaining wall or simply side of mound eroding away-no answer, but IS thinks they wouldn't have built so close that they needed the retaining wall-DM impressed by how far stones go down river bank and thinks maybe originally 1m retaining wall. Note trees along top of river bank are very high(20m) and roots are undoubtedly effecting stones. Possible wall between mounds d and e. DM found no sherds along eroded edge of river bank-did not look intensely.--large mound.

(104) Note: after seeing length of river bank and amount of erosion other places-

DM thinks IS is right.

(105) Mound f-long axis  $277^{\circ}$ -cut by road and extends to river. Low edge extends beyond road into field. Many cobbles in road; almost as if it were intentionally paved in mound areas. Wall g-stones(cobbles) roughly in a straight line outcropping on a diagonal across path at an angle of  $181^{\circ}$ . Runs into Mound h at southern end. Mound h- runs from west side of road (main body of mound) just to E edge of road-about 1m elevation. Fairly long; overgrown-a few sherds and obsidian in road portion of mound. Large tree on E side of path in between mound h and mound i is a datum point. Mound i-small and question-

able-one inviting cobble and possibly more on other side of fence under modern  
 rpck po;e. We found obsidian and two fragments of pottery -AM finds more cob-  
 as evidence of mound.

(107) Note: in this area it is possible that many rocks have been removed , espec-  
 ially since 10m to S is a  $3/4$ m high rock pile which is a recent burial.  
 Mound j-long oblong running roughly parallel to road on E side. Could pos-  
 sibly be 3 or so smaller mounds. Cobbles-trees cut down on it and eroding.  
 Quite a bit of pottery fragments but mostly undiagnostic crunchies. Mound k-  
 Very large-approx. 2m high-possibly higher. originally. Main body adjacent to  
 river bank and being eroded slightly- stone facing evident-with cobblestones  
 Mound cut by road and just beyond road by a modern irrigation canal, but  
 canal sides too wet for a profile. K is some big mound! Apparently it has  
 been cut by a drainage gully running along its short axis and extends for 45  
 paces (IS) along its long axis-all stone faced. Cut rock found in road on part  
 of mound K 45cm x 20cm. Page 108-diagram of cut stone-Mound K.

(109) Mound L-long oval-overgrown with grass-on W side of road. Mound M; adjacent  
 to mound K-oblong-many cobbles but mound overgrown with high bush, though  
 some eroded areas accessible-a few sherds. 2-2 $\frac{1}{2}$ m high. Mound N- large-2m high  
 $\frac{1}{2}$  eroded and it intersects. Side road leading to thatch sided barn. Wall P-  
 approximately same orientation as Wall G- connecting Mounds M and N across

Page 109 cont.

modern road 7 DMpaces-shown by large cobbles. Mound 0-large, medium height. cut by the road forming a  $2\frac{1}{2}$ m cut-but stratigraphy not evident because it is ~~either~~ too eroded and top level dirt has run off on to the other layers or it is too overgrown. The road is being eroded away-by the river bank-so where you would expect the mound to continue there is a drop off. From tree datum to fence at intersection of main road 165 paces (IS) turning approx.  $70^{\circ}$  E of tree southerly direction- she intersected large boulders just before (111) ford in stream at 200 paces. Profile-Mounds 2 and 14-a frustrating day at the profile-worked on cleaning wall-not very successful-decided that we ought to do profiles right-we need a pick, string, a line level and Olson!

July 26, 1975 \*See survey #2 pp.11-20- DM crossed main ford of Rio Naco with

*Naco* Luis as guide<sup>o</sup> once through village heading SW on road-mounds on field to E<sub>1</sub> also to W-approx.300m cobbles in road-a mound now flattened-possibly two mounds. Just past cobbles turn up path to west-150 yards to a house-meet man named Chepé\* who apparently lives there-leads in farther up same path 'til we hit several large mounds to N-30m-before coming up even with the mounds-turn off path to left and approximately 110 paces in are 3 small mounds- $\frac{1}{2}$ m high in a row-have diameters of approximately 10m. Possible cut stones in middle mound. Another which has been cut at one time or other.(see bottom page 112) \*Chepé's real name is José Saldivar.


(113) Chepe reports finding a burial along pathway- but it was probably only part Columbian-not in mound-arm and hand as well as part of skull was found.

At those three small mounds -a few small fragments apparent-Columbian-Chepe says she has never gotten anything from here but hasn't been here much. 110 paces-small mounds in from fence. Complex B Large mound complex of 15, possibly 9 mounds-from here you can see Site B surveyed yesterday. Approx. 500m away SE- Luis says there is nothing between the two-(I can see nothing more)

These mounds have a flat area in the center off them-reminiscent of Copán Valley but longer plaza-and end mounds not as high. Cut stones on mound 5- (one anyway) and looters pit. Vegetation:  $\frac{1}{2}$ m high grass covers whole field-a few eroded spots. All mounds cobble faced-stones in facing seem large

(115) Page 114-drawings. but not sure if larger than Site B. Mounds 2 and 5 approx. 3m high. Note: Mound complex is just at beginning of foothill incline-almost nestled into a larger hill. Photograph from mound 9-#3 on film R.

Complex C-complex of mounds-didn't survey extensively-on way back S along path but something similar to arrangement of B-at least 8 mounds. 6 forming a long circle oriented toward E-two more to S-approx. elevation of mounds-1m.

Vegetation: high grass and 2 of mounds in wooded area under trees with almost no ground cover-mounds all cobble faced. Complex is 30-50 in from pathway and 10-30m S of barb wire fence running  to path-visible from path.

Page 115 cont.

Turned down road running at  $250^{\circ}$  off of the corral-150m 'til a gate and a field-no mounds on N half of field-Luis didn't want to go on S half of field-said there was no mounds-but hacienda land. Turned back down ~~the~~ original N-S road. One mound about  $\frac{1}{2}$  way between Chepés house and the corral

(117) Page 116-map. borders path on E side-low-fields on both sides-possible that there are more mounds in them because very high grass and can't ascertain definitively from pathway. Back to main road from Naco-turned to W- 500m to next house-looking for mounds on either side-could see nothing big; though possibly there are smaller mounds we did encounter a concentration of cobbles in the road (about 200m beyond the path leading to Chepés) which might have been a mound. Luis thinks there aren't mounds in that direction and it was at my insistence that we walked the 500m W-we encountered a man who lives in the area and asked him if there were mounds in the area-he thought hard, scratched his head a few times and decided not. We then turned back. Tried to get a hold of Mayordomo Mario Veloque(?)-there are many mounds on his land which is on the W bank of the river S of the main road. Once we get his permission we can look next week.

(118) Complex D-on the land of the mayordomo<sup>w</sup>-located approximately 100-20 yards W of the river and 100 yards S of the main road-7 mounds-same basic oblong shape as Complexes B and C. Also, the same general orientation (here ENE) of the

long axis of the complex. Mounds are not high -(about 1m) except for Mound 1 which is about 1½m high. All are cobbled-somewhat eroded-it seems to be an overgrown cow pasture at the moment. Not many artifacts on surface.

Drawing.

(119) Brother of Luis-Alberto Nolasco-brings a painted leg and a c finishing stone.

The finishing stone is porrous but smoothed-the wider end is particularly smooth. Round edges. Photograph taken #8 roll 6. Complex C-cont.-in the same field there are many small low mounds without cobbles and on brief survey don't seem to be ordered in pattern. <sup>P</sup>ossibly house mounds-but just as likely natural terrain. Concentration of sherds-located on river bank above boulders along pathway that runs along S edge of barb wire fence which fences in Mario V's land on N side-cobbles also-sliding toward river. Concentration located just to E side of intersection with fence running along N-S. See diagram.

(120) Drawings from Naco.

(121) At 11:15 I decided we didn't have time to get to any other sites. I paid him for today and the next day-he is going to talk to <sup>c</sup>Hacendado Mario V. this afternoon because because the Hacendado only comes to town on Saturdays. Also, he wants to go to a site where he says there are very high mounds 3-5 km up the river from Naco-also another site he talks of-Santa?

July 28, 1975-JSH and DM with Luis. Meet a ~~school~~ teacher though we didn't catch



his name-he takes us down toward road on path that runs by profile of Mound 6 (otherwise known as the local toilet) to look at what he considers a ~~very large~~ <sup>✓</sup> large mound. It would be indeed except that it is only a natural hill with a possible mound on top. We are amazed at how close we are to the highway- we only walked about 200m from Mound 6. We decided the highway must bend more than we realized. We get permission to walk on Don Marios lands and (those of his brother) from his brother whose house sits on the highway. We walk up first road on W side of Naco River-<sup>✓</sup>thes was covered on last sweep of 7201 Vq on July 5.

*Naco* (123) Page 122- map of corral and mounds near Rio Naco. 123-We pass mound complex encountered 5 July and cover the rest of the field- there we find another group of at least 4 mounds about 80m SW of corral. We continue across road running W from Naco corral into the field of Don Mario's that we couldn't survey Saturday 26, July because Luis didn't have <sup>✓</sup>permission. This is loaded with mounds -especially on the E side toward the corral. At least 5 mounds with a large mound set off by itself off NW corner of corral. Then walk through field N of that which was surveyed 26, July-discover a new group of low mounds and tie in today's map with Complex D-26, July. We decide to go look at mound group B- from July 26 again-we take the same route as I did then. The main Naco Road N to the first right turn which leads up past the house of Jose Salvador, through his corral and along a fence leading slightly W of N

Page 123 cont.

There we discover more mounds in the complex and amend the recording for July 26. We decide to walk from mound group B across the fields to Site B instead of retracing our steps. It seems as if there should be many mounds between the two points. Along the line of foothills that run a little north of E we encounter another site at 100m(SEE MAP PAGE 125) This is very interesting because of possible terracing. We finish the field that is in, walking the N half, find nothing more- then walk through a very dry plowed field- collect a few sherds and obsidian along E border of field-time runs out so we go down to road(main Naco Road) but about 200m N of it we pass the large tobacco barn and come out at the S edge of Site B.

July 30, 1975-Naco-SKW and JH. Datum in field 1 is just under .2 miles from the highway and .5 miles to point in the center of Naco. Point C Map page 129. M-A  $220^{\circ}$  from M2(stump at road cut) 37SKW paces. M-B  $275^{\circ}$  from M-A, 14 paces. Page 125-map. Page 126-drawing of stone. Page 127-drawings of stoneballs and pestle. Page 128-July 31, 1975-SKW-Work from ballcourt to river locating mounds and sketch mapping. See next page for map. Page 129-map.

(130) \*apparently dug by SKP. 0 pit dug by SKP-grinding stone but no real mound.

Mounds or floors being eroded by river. Destroyed or flattened by being in town-covered with cobbles, obsidian, sherds, and shells. August 1, 1975-SKW-

Julios "wall" is in river cut, cobbles bigger in 1 might be wall. No sherds.

Page 130 cont.

11 paces and 134° from 1 to 2; 2 also has few sherds. Some complete vases found here with red and white paint about 1 ft high; sold by Julios wife;

also had bumps on them. Page 131-map. Page 133-drawing of mano and metate from Naco. Page 134-1-108° on axis, 30 paces IS. 2-83° on axis, 30 paces IS. 2 to 3

there is extension 4 paces long, 9 wide. 3 is 12 from 2 and circular. Change

in river course probably responsible for deposition of boulders. No sherds

visible in this group 497° on axis; 45 paces IS long about 50m from 4 to old

river bank. 528 paces on axis (IS) 266° also no visible sherds. Very real

possibility that cobbles only from river; large boulders common in river cut,

6 group dubious, circular but too large for normal mounds. 7 75m from old

river bank; 14 paces IS in diameter; about 3/4m high; 33 paces IS to dry wash.

almost surely a mound. One obsidian piece, no sherds; entire plain active pas-

ture. 8 has cobbles, suspicious bumps are common, 4 or 5 but no cobbles on

them. 35 paces IS to fence; X marks sherd concentration. 9 definite with

cobbles; irrigation canal in use. 10 about 250 SE of fence; cobbles 15 paces

IS in diameter. 10 to 11<sup>2</sup> paces from edge of 10 to 11; 13 paces in diameter;

cobbles but no sherds. Page 135-map.

(136) 11 to 10 is 310°. 12 is group of 5 good sized mounds; 12 paces IS from old

river bank. All have cobbles and stand about 1m high .A) has 2 looters pits:

diameter 18 paces IS B) is 20 paces IS from A and 326° B, C, and D have

N78-5-43, 500

Page 136 cont.

cobbles on SE side which might form wall: diameter 8 paces IS C) is 23 paces from A and  $4^{\circ}$ : diameter 19 paces IS D) is 26 paces from A and  $34^{\circ}$ : diameter is 12 paces IS F) is  $21^{\circ}$  from A; large pit  $13\frac{1}{4}$ m deep, 4m in diameter, quite old; diameter of mound is 7m; 73  $\frac{1}{2}$  paces IS from A E) 18 paces IS from A,  $82^{\circ}$  from A diameter 14 paces IS G) is 46 paces IS from A and  $8^{\circ}$ ; very small: 8 paces IS diameter: "wall" runs  $70^{\circ}$ , 36 paces SKW long. Some indication that group $\frac{1}{2}$  of cobbles about 30m E of A may be wall, too. H) is 106 paces SKW from A and  $136^{\circ}$  13 diameter I) is 22 paces IS  $257^{\circ}$  E of H: diameter is 10 paces IS.



COMMONWEALTH OF PENNSYLVANIA  
PENNSYLVANIA HISTORICAL AND MUSEUM COMMISSION  
WILLIAM PENN MEMORIAL MUSEUM AND ARCHIVES BUILDING  
BOX 1026  
HARRISBURG, PENNSYLVANIA 17108

April 24, 1972

Edward M. Shortman  
85 Indian Head Road  
Riverside, Conn.

Dear Edward:

I want to thank you for your work at Valley Forge. We couldn't have done it without you. We have now found another hut on the far side of the parking lot, smaller than the first.

I have included a check to cover the remainder of the fee.

Sincerely,

*Vance Packard*

Vance Packard  
Associate Curator of Anthropology  
WILLIAM PENN MEMORIAL MUSEUM

VP:mc

#106

Page 138 cont.

N75-5-44 TOP

Section 1-212° 30 paces IS; at 85-91 paces is circular depression (section 2 goes to 118) 199° Section 3-188° 209 paces end of causeway. Section 2-mound about  $\frac{1}{2}$  between N of ridge and mound 1; 11 paces diameter; mound 52 to 1-154 paces. Page 139-map.

(140) August 4, 1975-extension of Montanas Grandes. (A) Group of mounds-cobble

covered, grass:

Montanas Grandes-(see feature sheet)-large mound group approx.

N75-5-43 Bottom

ESE of highway (~ km). Luis says that this site is owned by Manacal Ranch.

#106 (138) They keep cattle and it is now pasture land, covered with bunch grass 25-50cm high. No one lives in the immediate vicinity (Luis says that the hacienda is further N), but only slight erosion occurs on the tops of the

mounds. Suzanne photographed site (SR #'s 11-16) Suzanne collected some sherds. Cut stones visible on higher mounds. Aug. 2, 1975-SKW-IS-paces IS.

Monte Grande finished mapping Montanas Grandes with a total of 51 mounds: major ridge 145° E paced from the middle of the south per. of mound I: Distances: 259 IS to N of ridge: 80 from N to fence: N to S of ridge 118: S edge of ridge to causeway 119; 132° from mound 1 to N side of ridge causeway 1m high; 2½m wide

sloping sides with modern path on top. Mound at beginning of E end to 9lp.

WORK ORDER

Date in \_\_\_\_\_  
Date out \_\_\_\_\_

FOR:

MATERIALS SUPPLIED:

American Section  
R Shaner  
(EM Schortman  
X 4035)

2 color transparencies

TYPE OF WORK:

PRICE:

1 negative of each transparency  
1 print of each negative (5x7")

REPRODUCTION FEE: Yes No

TEXTBOOK: Black and White - \$35.00

Color - \$100.00

WHEN NEEDED:

#118 (?)

N75-5-44 Bottom

(142) Site below H<sup>o</sup>la La Champa on Cortes bank of Naco Low (up to 1m) cobble-

Possibly #118

Page 142 cont.

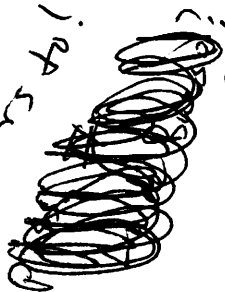
N75-5-45. **Top**

covered mounds with little or no pottery. Apparently quite close to Chamelecon.

Possibly #118  
Could even be attached to San Luis, although that should be on other side of river. B has metate fragment. All have considerable cobbles-even very low (less than 50cm) ones. Sharp bend in Rio Naco may be the one showing on the <sup>o</sup>top sheet almost at confluence with Chamelecon. Small cluster of low

mounds upstream from this-quite close to Rio Naco, largely destroyed by plowing. Aomw scattered sherds and obsidian and cobbles. Corresponds to field next to canetese on Cortes side- probably part of Naco. Page 143-map.

Do not know what site this refers to!



poss.

#109 Lode Bueno?  
unclear as to which bank  
of Rio Naco team is on; if  
N bank, is #109; if south  
could be #186

Seems to be  
#109 PM 83



# WOLFGRAM LIBRARY RESERVE BOOK LIST

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Indicate preference regarding following loan periods for Reserve Books:

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1 Week

Library Use Only

CALL NUMBER	AUTHOR	TITLE & PAGE NUMBERS	EDITION & COPYRIGHT DATE

# 126

+ El Salto

N 75-5-45 7.11.2  
La Mora 8060.5-6 open valley, @

# 126? houses at N, mounds on N of gate-running across road and towards river-  
possibly other un-recovered site

# 126? ca. 8 80607. La Uracco-very high ridge between road and river 80609. 8061.2

# 126? bridge crosses river. Houses at 806.12 El Uracco. N 75-5-45 Bottom Leave car and walk across

# 126? river, back to SE-El Salto-huge boulders, paths and pool, minerals in rocks.

# 126? Along Cortes bank of river to La Sierra- milpas and narrow valley, fairly

# 126? high hills, monte alto on E side of road. Steeply rising road, area between

road and river more jungly, higher hills to E. Very narrow valley that road

is on.

Cont. next pg.

Although the Naco Valley, part of the middle Chamelecon River drainage in northwestern Honduras (see map, Fig. 1) has long been known for the site of Naco proper (Yde 1938; Stone 1940, little archaeological activity has been initiated in the area. In 1936 a joint Smithsonian Institution-Peabody Museum Project spent 3 weeks in the valley as part of a larger series of Honduran investigations (Strong 1937; Strong, Kidder and Paul 1938, hereafter abbreviated as SKP). These archaeologists devoted the bulk of their attention to Naco proper - 2 weeks in all - mapping the central area and excavating the ball court and three other structures. During the third week spent in the area the team located 5 other low mounds near the town of Corradia (see Fig. 2 map; SKP's sites are numbers 100, 101, 105 and 109 on the map, plus Quebrada Postada, in the mountains west of Naco and outside the survey area). Not until 1974 was archaeological attention redirected to the middle Chamelecon. In that year John S. Henderson of Cornell University visited the valley, examining the site of Naco and discovering several previously unknown sites, the most significant of which is La Sierra, located in the central part of the valley and containing c. 400 structures. 1975 saw further work in Honduras: the Naco Valley Project, directed by Henderson, was instituted under the auspices of Cornell's Archaeology Concentration. There were two foci

# 107

El Papayo # 107  
(150) El Papayo: 8064.0 mounds E of road and river W of road. On flat pasture  
land alone and far to the E 3 major mounds looked and destroyed. Possible  
tomb. In tobacco field to E owned by Peter Batys of Miami (SPS wife) there  
were "bastante montículos" destroyed. San Luis-1km from L.S. hacienda-no mounds

El Papayo # 107  
(144) August 6, 1975-Drove with Luis Nolasco to El Salto- approximately  $\frac{1}{2}$  hour-  
rutted and steep road in places-easily possible as very dry. Through Naco to-  
wards river-turn right-8057.6. 8058.4-5 Loma El Papayo mounds on E. 8058.8  
Santa Lucia-houses. 80601 La Sierra-houses.



STATE OF DELAWARE  
DEPARTMENT OF STATE  
Division of Historical and Cultural Affairs

EUGENE BUNTING  
SECRETARY OF STATE

STATE ARCHAEOLOGIST  
HALL OF RECORDS  
DOVER, DELAWARE 19901

October 8, 1971

To Whom It May Concern:

I am offering this letter of recommendation for Mr. Edward Shortman who I have known as a student and as a crew member in the field of archaeology for the last year and a half. Mr. Shortman's academic ability is unexcelled, and I must admit that he was one of the top of several students I have taught in the last six years. His performance as a fellow crew member at a number of sites excavated by this agency demonstrated his interest in the field of archaeology and his capabilities as a student of archaeology. I would not hesitate to recommend his employment on any archaeological dig conducted in the world.

Sincerely yours,

*Ronald A Thomas*

Ronald A. Thomas  
State Archaeologist

RAT/dm

Santa Barbara side looks impossible-steep rough hills down to river bank-  
overgrown. No settlements or milpas. Luis says heaviest mounds on Santa  
Barbara side are  $\frac{1}{2}$ km at <sup>Embudo de Plus (grua)</sup> Empacidoro-next at El Regadillo. River at falls  
flowing 105° downstream.

(146) Tall jungly vegetation. Falls about 15m high. Pool about 30m by 20m.

N75-5-46 B. J. J.

Steep gorge. Q Ca Esperanza going it has water just asne the falls-(at

house P El Uracco) KC8-PUF13.10-18 falls, downstream. Luis and Osmin:

19- 5 El Uracco 26-28 Naco Quebrada Tostada by El Uracco-dry. 8061.2

-8061.6 comes from the NW and turns E along the road. 8061.7 house on W

of Q-path by house up 240° to 280°-river proper 205 from road. Area still

called Uracco. Path across road 60°-up toward hills. Mounds backing up

on hillslope-hills steeply rising. Overgrown with cobbles (illegible )

in place-relatively undisturbed. Two by road are large and high-possible

wall? in 1. Little low mound=<sup>1</sup>st grave? Grass on hillsides and area in

between mounds. Enormous oblong mound along hillside: 1) diameter is 15m

height is 3m 2) 15m diameter height is 14m perimeter is 65m 3) 32 length

height is 7m. Jungly growth beyond gate-at least one tomb-

(148) possibly more in dense underbrush N of road. 60m from gate. Another mound

overgrown with thorns-densely, cobbles underneath, HT. each 5m? 25m from

gate. A little obsidian in the road-too overgrown for practical sharding.

#126  
Quebrada / Q. de Tostada

#126 (cont.)

N755- 47. top

Page 148 cont.

#126  
Naco do  
Across the road-high ridge dropping about 25-30m to milpas by river-large  
very high mounds(10m?) all covered with many cobbles, overgrown, etc. Some  
huge boulders suggest these mounds are on top of old river terrace-along  
its edge but most boulders are nearer road than mounds-two terraces? Not  
possible to measure mounds-site should be SKP's Quebrada Tostada-needs more  
study. Much lower than bases of mounds(also equals La Mora) gate 8061.8

Rural School in Santa Lucia:8063.5 Tobacco drying barns between Santa

Lucia and Naco Santa Lucia equals Las Cabas. Page 149-map.

---

150-#

Onan Pa



Bell Cave

Naco Copper Bells

*Naco/Bell Cave* Santiago is his father: same house. Colonial house destroyed can show place. ~~U75-5-47~~ Bottom

Bells also found at Naco-will show where. Bell Cave is at San Antruno Mahada\_

*SE*  
SE 3 leagues -someone in town can show cave. Jose Antonio Paz. From fields

it is 6km to mounds of San Bartolo-one hour to walk there.

(152)KC8.29-34 sherd washing. Many mounds, one very high-hey must come from

San Antonio. They don't even open the gates for the milk cars. When SKP were ~~x~~

here the road ran from NW corner of tobacco field SE to Naco-therefore

Spanish ruin is 20m N of that line-now destroyed by tractors. 300m?

U75-5-48

Page 152 cont.

SKP saw wall-foundation-no door, windows, etc. From 8064.4 is Naco-tobacco barns

to left are gringoes. Bells found on Cortez bank of river 50m from river

100m W of bridge 3 copper bells found together in olla. Looks like side of

garbage dump-not mound-too soft. Like an orange: 8 years ago-sold.



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State Archaeologist

RAT/dm

- (1) July 24, 1975-La Sierra-Cleaning looters pit in mound-A-Julio Cardinas.

Looters Pit  
Cleaning  
LS

Loose earth and small stones and disintegrating rock removed from pit- appears to be solid cobble center packed in earth. Small chips of stone in this disturbed fill-no sherds. Elio Asetun comes to help. Earth clayey, damp from rain, dark brown. Removed from around cobbles, shoveled into pail-passed through screen. Earth around cobbles near tree both black and yellow-brown-disturbed by roots. Looks like solid cobbles still-no signs of any other cut flat stones anywhere. Julio thinks stones within circle of pit are fallen from top of cut. It appears, however, that many are in place as a cobble layer on the bottom of the looters pit. Cleaned all walls; photographed it. Removing loose cobbles at foot of tree-fallen from wall probably. Cleaning earth under them to lower level of looters pit. Decided to remove lower stones around inner edge of wall. No sherds. (Needs profile and drawing of cut stones.) Page 2-drawing of mound with cut stones.

- (3) Removing back dirt and disturbed stones from other looters pit. B

The men say there could be a deep hole-3-4m in mound-with figurines and vases etc. Say solid cobble center is usual. Say this hole in this mound seems strange. Elio knows another looted mound-will show us later. Asked Osmin to ask about mounds, holes, etc. Elio shows me a mound <sup>b</sup>by river to S-dug in 1969-figurines found-at least one cut stone to be seen collected sherds-

Page 3 cont.

He says dug by "gringos" -but not NK's Hondururas? Osmin will ask. They are digging out the disturbed earth possible-cross-wall? They seem to understand where outer wall of mound was so I listen to their opinion. JSH-take out dirt and rocks to clean profile for drawing and photos. 2 mano frags. collected. Earth cleaned to level of looters pit. (Needs profiles and more photos)

(5) JSH and Olson to mound by river Elio says was dug by Americans in 1968.

Plan to trench them for stratigraphy. Sherds, including Polychrome, and obsidian collected. July 25, 1975-Olson and KC to mounds A and B to draw profiles and sample soils. 1/4 profile of SW corner of mound B-western face of

looters pit drawn. KC6.33 same view - wall, mound facing 'o earthfill..  
KC6.34 N profile

E profile of Mound A drawn-solid cobble construction; KC6.35. General

measurements of cut stones removed by looters from pit now at sides in heaps:

<u>L</u>	<u>W</u>	<u>TH</u>	<u>L</u>	<u>W</u>	<u>TH</u>
48	34	13	37+	32+	14
52	38	13	25+	30+	18
48	33	15	40+	30+	13
49	40	15	55	35	15
38+	28+	10	57	43	14
44+	36+	13	45+	30	11+
45+	40	15	45+	28+	12+
43+	32+	13	45	35	16

Page6-map of mound B. Page7-nothing. Page8-map of mound A. Pages 9 & 10-blank.

(11) July 26, 1975-AM and CO working on profile and soil sampling in cut thru mounds

APCO

2 and 14 at road. IS and KC surveying and mapping in fields directly to E.

DM looking for extent of site with Luis. 1-in open field to E-stone pestle?

Selected sherds and obsidian tools collected. Low rises indicate destroyed

mounds. Concentrations of sherds (illegible word) . 2-overgrown

with ground cover observing: surface-some sherds found low rises and drain-

age canals-probably oreviously oloughed. Manyfewer sherds visible in eroded

patches. Soccer field just to W of highway1 Datyk tree-right on road at

corner of cow pasture and soccer field (actually 2 fence posts down from

boundary of pasture and soccer field) Edge of soccer field equals  $235^{\circ}$  E of N

Small mound near road equals  $240^{\circ}$  E of N (8 of KC paces from fence to first

mound. Soccer field equals 100KC EW. At least 5 flattened mounds in soccer

field. Walking EW along barbed wire fence on Naco road-every 10m KC paces

NS to look for mounds, irrigation ditches, etc. Page 12-maps of soccer field.

(13) W edge of field 1.(less than 10m from fence)approx. 50m S of Naco road:

large concentration of sherds, mano and metate fragments, obsidian tool.

Altogether about 15 metate fragments from different sizes and shapes of

metates; some are of basalt, others smooth homogeneous fieldstone. At

least 20 mano fragments of different shapes and types of stone ; some squared

others rounded. Page 14-drawing of mano from field #2.

(15) Field #1 Survey-graph paper sheet-survey paces every 10m from N to S.

Pasture ,mounds destroyed, low bushes. Datum on tree at edge of road in NE of field. Began to sketch map Field #1 but decided it was not feasible because mounds (remnants of them) are generally less than 25-50cm high and their perimeters are not possible to determine. Instead KC and IS divided field into N and S halves and Ilene walked over N half KC over S, in order to determine a possible minimum number of mounds. IS got 23 mounds in N half and KC got at least 28 mounds with at least 3 high mounds with cobble stones and a mound with cut stones. These large mounds are at the S end of (field N of ravine) the field-mounds running EW. Small square area in NE corner of field impossible to survey-too overgrown. 73° E of N to datum tree from stump in center of field. Large, mainly white with orange tinges, granite metate found in S half of field #1. NW-SE length of field #1-IS 250 paces. 132 paces from Datum tree in field #2 (on road) to Datum tree in field #1 (on road) Ravine in field #1 running S of mounds. Page 16-drawing of basalt artifact-field #1 (17) 1, 2, & 3 sides of ravine have cobbles showing, look like they may be long oval mounds. Mounds on both N and S sides of ravine . Field #1 extends quite a long way to S (extent not paced) 676 KC paces from Datum Tree in field #1 to Point C (at SK and P Naco). Page 18- drawing of metate fragment from field #1. (19)-blank. Page 20-map. Stones with cobble and/or cut-stone facings on S side of field #1. These mounds are surrounded by lots of others which have no stones visible. Page 22-drawings of beads from people at Naco.

NACO SURVEY

Naco Oreg

PHOTO REF: 100-2

SURVEY SQUARE: 7201 59

LOCATION: See Survey Book pp. 21-3

**DIMENSIONS:**

PERIMETER - (AN-MAR)

- 1 59 pcs 46 m r = ~~7.5 m~~ 6.8 m
- 2 55 pcs 42.9 m r = ~~2.7 m~~ 6.5 m
- 3 52 pcs 40.6 m r = ~~2.7 m~~ 5.2 m
- 4 75 pcs or 42 m r = ~~2.7 m~~ 5.2 m
- 5 47 pcs 36.7 m r = ~~2.7 m~~ 5.2 m

6 29 pgs. 22.6m ~~3.1m~~  
r = ~~29m~~ 3.5

- Mound distances relative to mound 1. paired by A.M and K.C

NOTEBOOK REF: Survey pp. 21-3

RECORDED BY: *J. Markesey*

**DATE:**

4, Julio, 1975

## Elevations

Mound Estimate

1	1.5 m
2	2.5 m
3	1.5 m
4	1 m
5	1 m
6	0.5 m

- paving affected by <sup>high</sup> grass and possibly pears.

\* problem with  $\frac{1}{4}$  in determining perimeter -

2 possible perimeters listed -

42- indicates pitted portion of rocks (circled)

71 - indicates possible extent of mound.

# SURVEY CARD

SURVEY FEATURE NO: 51A

PHOTO REF: 10 photos

SURVEY SQUARE: 7201 unit 9

LOCATION: See Survey sketch  
Page 24 + 25

## DESCRIPTION:

### DIMENSIONS:

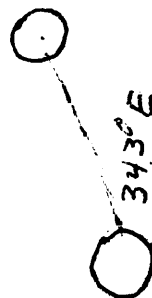
M1 P 30 DM  
100m - 24 paces DM from S base line  
P 5 DM

M2 P 6 KC

M2 is  
100m - 64 paces DM from S base line

P 36 paces KC

Angle from M1 to M2 is  
343° E  
from M1 to M2 is 36 paces PM



NOTEBOOK REF: pgs 24 + 25

RECORDED BY: Steve West

DATE: 7/5/75

High clumping grass with few large  
prickly pears. Mounds have some  
slowing; M1 has some rocks and M2 has only  
3 rocks. There were four mounds.



# SURVEY CARD

SURVEY FEATURE NO: 51A F4

PHOTO REF: KC 3.4  
mounds 2 & 1

SURVEY SQUARE: 7201 unit 9

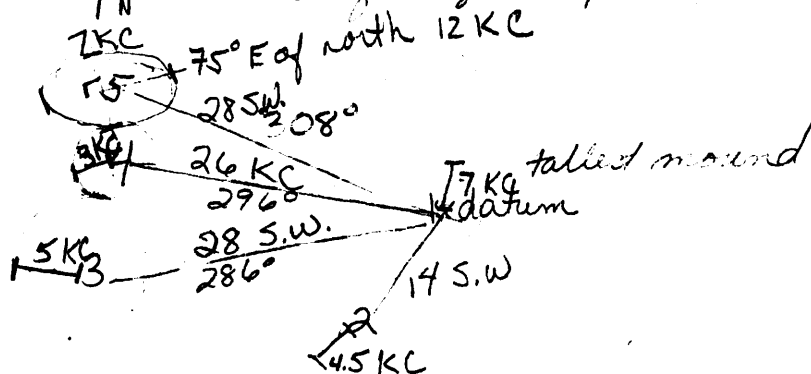
KC 3.5  
mounds 3, 4, 5

LOCATION:

DESCRIPTION: 1, 2, & 3 are completely covered with tall grass which  
4 & 5 are eroded in places. All are roughly

DIMENSIONS:

circular except 5 which is oblong. The vegetation  
makes only rough estimates of perimeter possible and  
estimates of height impossible



perimeter

- 1) 40 KC
- 2) 33 KC
- 3) 34 KC
- 4) 20 KC
- 5) 30 KC

cross section

- 1) r = 7 KC
- 2) r = 4.5 KC
- 3) r = 5 KC
- 4) r = 3 KC
- 5) axes 75° E of north  
12 KC across  
165° E of north  
7 KC across

NOTEBOOK REF: p 27-28 in survey book

RECORDED BY: A. Neike

DATE: 7/5/75

SURVEY CARD

SURVEY FEATURE NO: <sup>Naco</sup> 5/A feature C

PHOTO REF:

SURVEY SQUARE: 7201 unit 9

LOCATION: see survey notebook p. 29-30

DESCRIPTION: 1, 2, 3, 5, 6 covered with tall grass 4 slightly eroded. N boundary  
340 m

DIMENSIONS:

100 paces KC due South ~~to meter south~~ of N. boundary at 340  
40 paces W of E boundary = mound 1

mound 1 per. 36 paces DM  
radius of 5 paces DM

station point for 1 is one perimeter 55 paces<sup>KC</sup> ~~from 10m~~

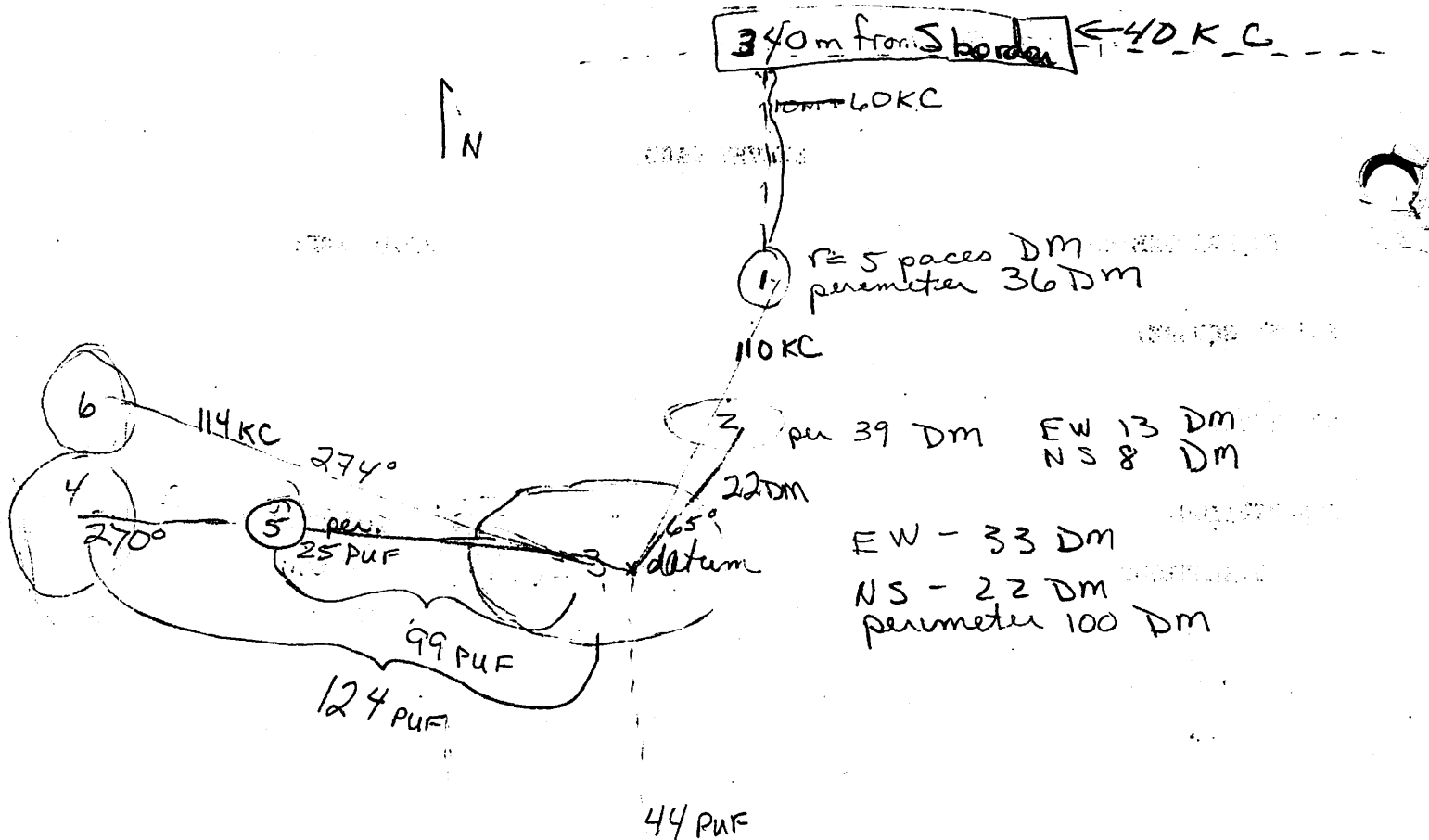
South of Northern boundary <sup>at 340</sup> 38 paces<sup>KC</sup> W of E boundary

mound 3 is 225° E of mound 1 and is 110 paces KC from mound 1  
per. 100 paces DM

NOTEBOOK REF: p. 29-30 survey notebook

RECORDED BY: AM + SKW

DATE: 7/4/75-



1.  $r=5$  (DM) per 36 (DM)
2. per 39 (DM) EW 13 (DM) NS 8 DM
3. per 100 (DM) EW 33 (DM) NS 22 (DM)
4. per 42 (SKW) 175° E 15 paces (SKW) 55° E 12 (SKW)
5. per 25 (PUF) circular low ~1m high
6. v. low disturbed by tree per 25 (KC)  
 $r=4$  (KC)

220 from S border

← 147 PUF

m<sub>g</sub>

per, 42 SKW

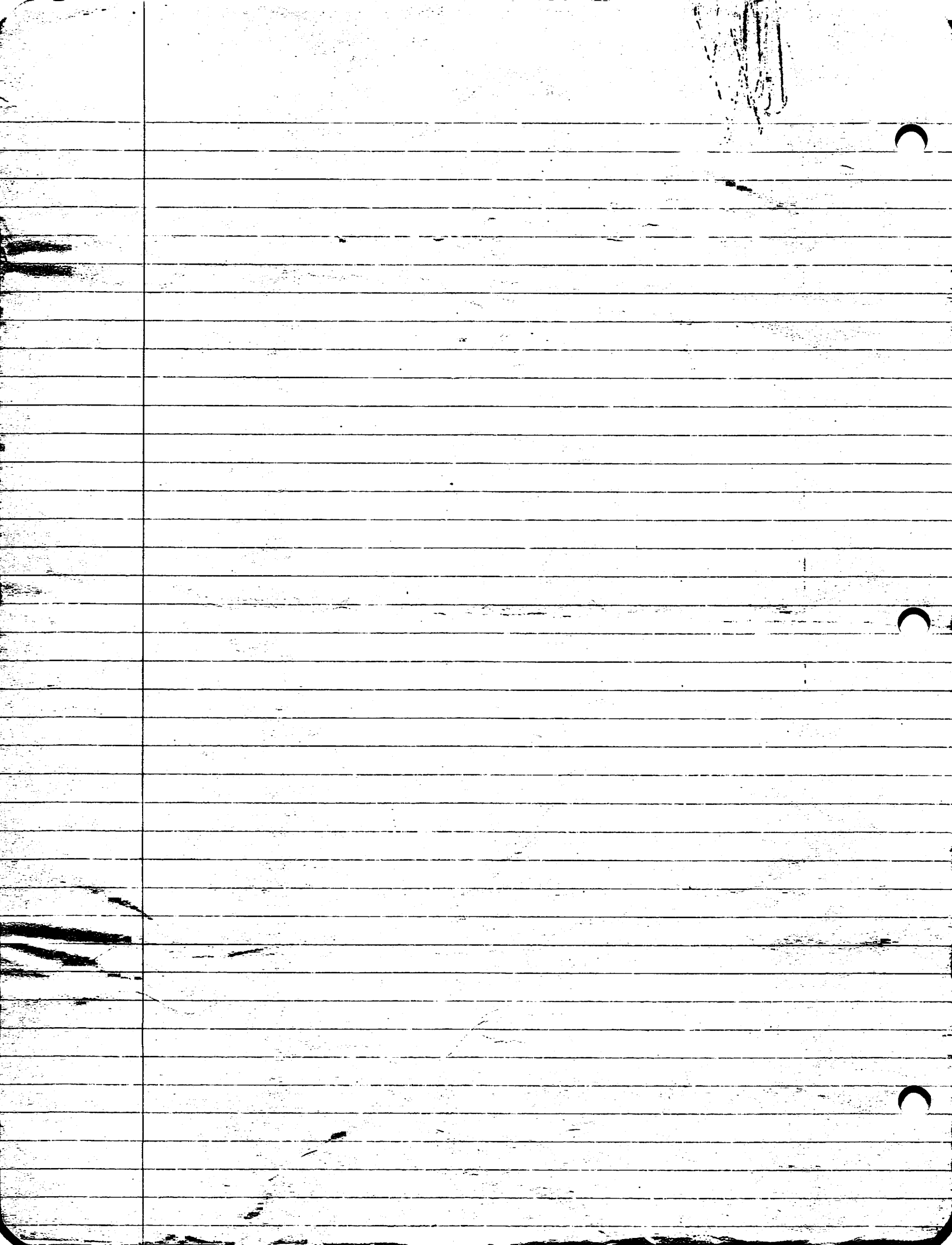
1 axis  $175^{\circ} E = 15$  paces SKW

2 axis  $85^{\circ} E = 12$  paces SKW

m<sub>6</sub>

per. = 25 KC

radius = 4 KC



SURVEY CARD

SURVEY FEATURE NO: M12 -

PHOTO REF: DUF Roll 2

19 through

SURVEY SQUARE: none

LOCATION: ~~Las Vegas~~ Tres Piedras Site 52

DESCRIPTION:

DIMENSIONS:

C1.25m

M13

were scattered cobbles  
on hill side - less  
coherent than other  
group. one nice square  
block - prob. natural  
thin good bldg. stone

from D13

on 98° angle  
max extent of cobbles  
6.8 m.

9.2 m on 31° angle

14.7 m on 7° angle

appears terraced from  
low paths

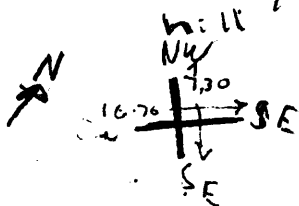
D13 - D13 = 240

140 paces (1147)

C1.25m M12  
scattering of cobbles  
along hill side of  
creek bed - through out -  
adobe discharge  
312.5° from D1 to D2  
157 31m paces D1 to D2

7.30 m NW/SE dimension

670 m NE/SW



NOTEBOOK REF: p. 42

RECORDED BY: DUF & JTH

DATE: 8 de Julio de 1945

JTH finds that a small square hole was used

SURVEY CARD

SURVEY FEATURE NO: ~~100~~

#100

PHOTO REF: DUF roll 1

SURVEY SQUARE: none

Site 5-2

LOCATION: ~~Possibly near Dufrenoy's~~

Tres Piedras

DESCRIPTION: ~~Small mound, light brown~~

Mound 1

DIMENSIONS:

diameter along fence 12.00m  
1.00m from fence to corner  
at orientation  $214^\circ$ , extends  
about 1.5 m to corner  
post fence

2 m high

SW edge very steep, a most  
steep, and many pebbles

a few small stones  
near ground level to top

$238^\circ$  from datum 1 to datum 2, distance 17.30m

NOTEBOOK REF: p. 38-40

RECORDED BY: Hamilton

DATE: 7 July 1975

shots

19 Mound 1

20 Mound 2

21 Mound 3

22, 23, 24

Mound 2

diameter 17.30 m along fence

1.00m from cut to perimeter

cross datum point at corner  
of cut

36  
33

Tres Piedras (2) continued

4 Julio 1975

Mound 3

Completely covered by shrubs and vines

Very low

2 to 3 meters from datum point tree to sudden drop off

$234^\circ$  from Mound 2 to Mound 3 19.5 m D2 to D3

diameter along fence 10 m

flattened out

Setting

foot hills form half moon

150 m to hills from mounds, almost flat between clumps of brambles

road runs in front of mounds

all mounds ~~have~~ are cut off

Mound 4

remains there of - a scattering of stones,

or 3 small shards

$\approx 32$  m from D3 to D4  $237^\circ$  D3 to D4

Mound 5

axes:

8.10 m NS ; 8.20 E-W (of hump on platform)

a hump of rocks on a possibly artificial platform of irregular shape. A couple of shards

$247^\circ$  from D4 to D5

116 paces (S N H) (one hundred sixty)

flat area probably is artificial - lots of cobbles

barbed wire fence at base of hill

Feature

cover



92° from fence  
65 paces (Puf) long - about 2 m high

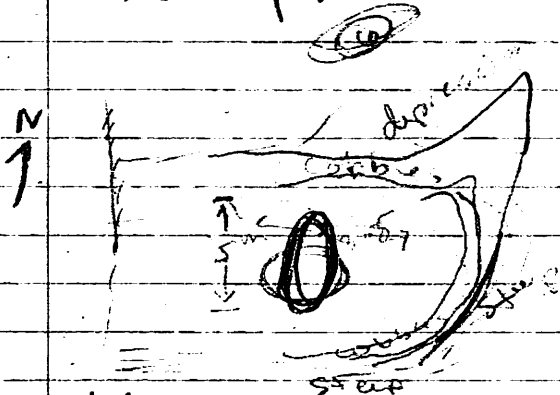
on 27° line (turned to walk it)

32 paces

rides from 2 m to almost level

302.5° line

76 paces to fence



C.25

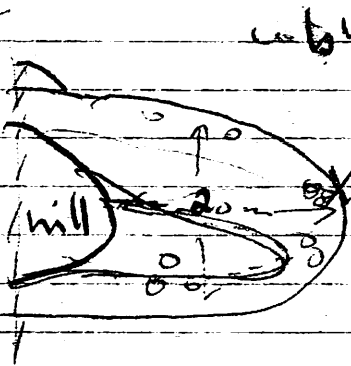
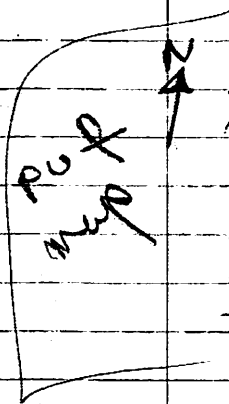
M.6

44° D5 to D6A

84 (JHTM)

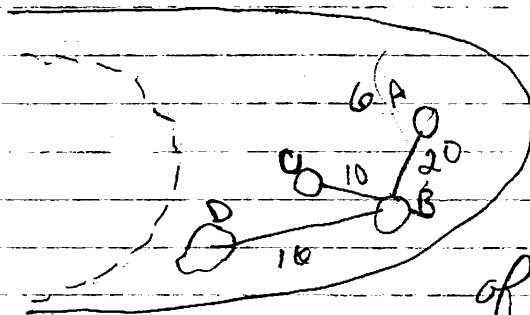
paces D5 to a concentration of cobbles

cobbles a few shreds



approx are a group ce  
day started  
to pace

SKW  
map



A-D may not all  
be mounds but presently  
are separate groups

numbers are  
in SKW paces

of a few cobbles each

(25

(Former) Mound 7 - concentration of cobbles, former mound, on road Mound 5 to 7 - 130<sup>°</sup> <sup>(MH?)</sup> paces, 162<sup>°</sup>

(25

Mound 8 (Former mound, now on road) - sherds, cobbles 7 to 8 16.75m, 212<sup>°</sup> NW/SE axis 9.30m

NE (Suakiy 9.30

Mound 9 9 to 7 30.60m, 171<sup>°</sup> (7 to 9)

40

8m (toward 7), 6m (at almost 90<sup>°</sup> angle) - this leg is wider, digging, tree between legs, 2<sup>nd</sup> leg about 5m wide; many cobbles, few sherds found, vegetated

2

road

40

Mound 10 clusters of cobbles, former mound?

15.50m from 10 to 7, heavy 83<sup>°</sup>, heavy vegetation

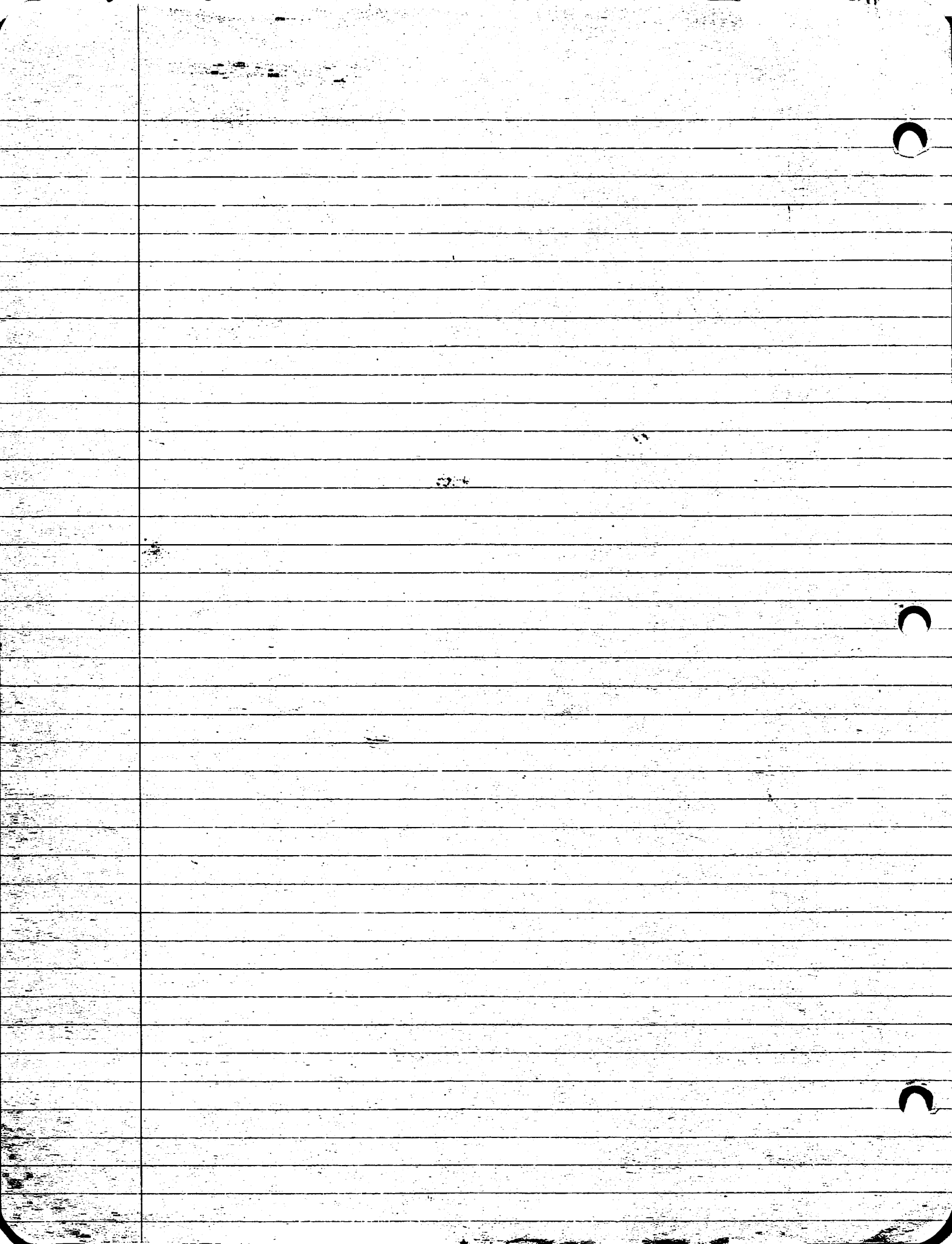
(25

Mound 11 28.60m from Mound 9, 243<sup>°</sup>

stretched out, obviously run through by road

Photo Ref

pictures up to 35 for these mounds



SURVEY CARD

#10

SURVEY FEATURE NO: Las Vegas Site 53

PHOTO REF: PAF roll 3

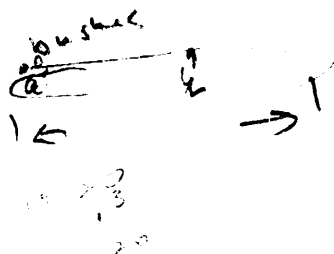
SURVEY SQUARE: none

LOCATION: near Chameleón, Plana del Río

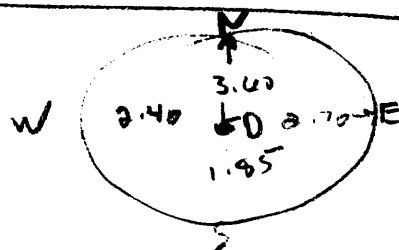
DESCRIPTION: a series of mounds in a grassy field

DIMENSIONS: not more than 5 ft x 5 ft

- Mound 1  
perimeter 94 paces (JTH) ~~420~~  
6 m w-s  
12.5 E-W  
2 to 2.5 m high  
all clear but west end



- M2 - a scatter of rocks  
area is clear of any  
vegetation



NOTEBOOK REF: 45-50

RECORDED BY: PAF

DATE: 9 de Julio 1955

- M3 N-S dim. 13.94  
E-W dim. 5.10

2 to 2.5 m high

top clear - sides in scrub bushes  
Shrub on mound

- M4 3 E-W measurements  
① 4.20  
② 2.30  
③ 5.56



Las Vegas

⑥

pit 1.1 m deep 3 m across

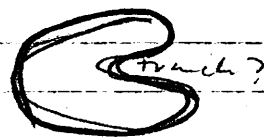
branch <sup>N 8.1</sup> 1.30

side 2.5 m

Π.5 N-S 6.40 m  
EW 8 m  
height - N side 1 m  
S side 3 m

N-S running fence on E edge

Π.11  
very irregular - possibly trenched  
8.60 N-S 1 m high  
5.32 EW



Π.10 a scattering - no height  
5.50 N-S  
4.50 EW

Π.7 scattered rocks

concentration about 3x3 m

Π.5 about .5 m rise  
mostly scattered rocks  
5x5 m concentration

Π.9 higher Wedge 1 m E 5 m

N-S 9.20 m  
EW 8.0 m

scattered rocks  
basically

Mound 12  
D-12

D 9 to D 12 14.60 m  
124.5°

NS 3.0 m  
EW 4.10 m

✓ 17. noticed mound  
only rock concentration  
flat on E 1 m on SW as it drops  
off into ravine

EW 4m  
NS 6.5m

114

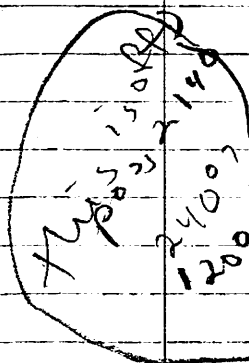
147° to D 14 which is F 14 from D 6  
49 paces (114)  
M 14 remains of mound D 14 on SW edge

NW edge flat NS line 3.60  
SE 75 m EW 6.00m

rocks tumbling down SE to NE side

113 rather is half of M 14  
on a small separate mound  
flat on NW - 1.5 m on SE  
roughly circular

114 to 113 4.40 m 337° 23°  
D 14 in center of mound radius 3 m  
From M 14 another scattering of rocks as D 15  
fire goes over ravine from SW, about 20 m



#10  
Site 53 Las Vegas (Buena Vista Mound)  
SURVEY CARD

SURVEY FEATURE NO:

PHOTO REF: PUF Roll 2

2 through 17

SURVEY SQUARE: none

LOCATION: ~~T. P.~~ Feature I Buena Vista  
Las Vegas

DESCRIPTION: well-built mound on hill above bend in river, ~~several~~<sup>4</sup> pits ~~are~~ dug  
conical, a few trees and some vegetation on mound, built on

DIMENSIONS:

68 SKW paces per meter, beyond perimeter is rubble for about 1 m,  
eroded area

radius 6.70 m N

radius 7.65 m S

radius 7.60 m E

radius 6.70 m W

2 m high from lower slope  
1.5 m high from upper slope

Plaster in pits, buried plaster floor? possibly 2?, cobbles, sherds  
3 pits on perimeter, 1 looter pit in center (3) 35 x 40 m, 30 cm deep, plaster at  
25 m

Pits (1) 70 cm by 80 cm, 15 m deep. (2) Plaster in hole 25 m below surface, whole 70 x 80 cm  
more plaster 35 m below surface

NOTEBOOK REF:

(4) Center pit 2 m by 1.5 m, .55 m deep

RECORDED BY:

DATE: 7 de Julio de 1975

SURVEY CARD

H 12

SURVEY FEATURE NO:

PHOTO REF: FUF Roll 3

SURVEY SQUARE: none

5-10

11-18

Site 53

LOCATION: Las Vegas, Feature 2

DESCRIPTION: <sup>in pit</sup> elliptical mound, cobbles; looter's pit on river side, sherds

DIMENSIONS:

12 m E-W orientation

7.25 m N-S orientation

1 m high on W

2<sup>nd</sup> ravine 1.16 m deep, pottery throughout, red on both sides pottery  
down to bottom, E side of mound

cobbles in mound 30 m at 90°

lookout mound 100 m at 39° at 15-20 m from datum

no map

NOTEBOOK REF:

RECORDED BY: Hamilton

DATE: 9 July 1975



Site

SURVEY CARD

60 #103

Oscuridad

SURVEY FEATURE NO: none

PHOTO REF: PUF

SURVEY SQUARE: none

LOCATION: by Chamelecon - unnamed in square 7802

DESCRIPTION: cobble bank, cobble "pavement" 2-3 mounds  
~~DEPRESSIONS:~~ over grown & virtually impossible to find

NOTEBOOK REF:

RECORDED BY: PUF

DATE: 8 de Julio de 1955

# Site 61 Vaca Brava #104

## SURVEY CARD

SURVEY FEATURE NO: Mameal F4

PHOTO REF: PUF R4  
24 on

SURVEY SQUARE: none

LOCATION: near old ~~channel~~ <sup>Mameal Cr.</sup> course, closer to ~~the~~ <sup>creek</sup> ~~channel~~  
near highway

DESCRIPTION: several small mounds

### DIMENSIONS:

		height	per.	diameter
1 to 2	164°	13.40 meters	1 2 meter	① 9.50m EW, 8.50m N-S
1 to 3	194°	15.85 meters	2 low 1/3 meter scattered rocks	② 3.70m (round)
1 to 4	220°	24.30 meters	3 1/2 meter	③ 6.50m EW, 4.50m N-S
1 to 5	252°	24.20 meters	4 1/3 meters	④ 11.00m EW, 9.00m N-S
1 to 6	276°	14.40 meters	5 1/2 meter	⑤ 5.00m EW, 6.70m N-S
			6 1 meter	⑥ 9.50m EW, 9.50m N-S

3 has shield cone.

Vaca Brava  
F1 unmapped 4 mound group  
F2 large mound  
F3 mound group

NOTEBOOK REF:

RECORDED BY: PUF + SKW

DATE: 10 de Julio de 1975

Note

365m  
530 paces (PUF) on 121° angle is another potential mound; dim. diameter approx. 100 paces

Also - large mound at 2250 meters on F3 - 195° angle

SURVEY CARD

Vaca Brava  
#61  
SURVEY FEATURE NO: Manacal F3

PHOTO REF: P4 P5 P6  
P7 P8 P9

SURVEY SQUARE: none

LOCATION: near Manacal Creek

DESCRIPTION: group of mounds, each mound 10-20 cm high

DIMENSIONS: 21d 10e

not described but is cow stables, cf. notebook

NOTEBOOK REF: 19 51, 52, drawing on p. 59

RECORDED BY: P4F

DATE: 10 de Julio de 1957

SURVEY CARD

#105

SURVEY FEATURE NO: Los Cocos Feature 1

PHOTO REF: PUF Roll 5

5-

SURVEY SQUARE: none

LOCATION: Manacal Ranch on edge of old watercourse

DESCRIPTION: <sup>extremely</sup> heavily vegetated, trees, high grass; datum point, only on M<sub>1</sub>

DIMENSIONS:

Mound 1

datum on tree

circular

perimeter 53 paces SKW = 39.75m  
radius = 6.33

Mound 2

23.2m from M<sub>1</sub>

83° from M<sub>1</sub>

44 paces SKW perimeter  
roughly circular radius = 5.51

Mound 3

16.8m from M<sub>1</sub>

59° from M<sub>1</sub>

9.1m wide, 150° E

12.8m long, 230°

Mound 4

73 paces SKW from M<sub>3</sub> = 54.75m

70° from M<sub>3</sub> to M<sub>4</sub>

Fence at 34° E

9.65m long at 65°

5.4m wide at 140°

1/2 meter

Mound 5 3/4 meter high

12.1m from M<sub>4</sub>

307° from M<sub>4</sub> to M<sub>5</sub>

circular, perimeter 43 paces SKW  
radius = 5.34m

Mound 6

11.5m from M<sub>5</sub>

1/2 meter high

030° from M<sub>5</sub>

circular, 33 paces SKW perimeter  
radius = 4.1m

Mound 7

next to M<sub>4</sub>, cut by barbed wire fence

77° from M<sub>4</sub>

circular, perimeter 47 paces SKW

14.5m from M<sub>4</sub>

DATE: 1 meter high radius = 5.84m

NOTEBOOK REF:

RECORDED BY: JMH and SKW

mound 8

93 paces JMH from 7 = 72.54m

110° to 8 from 7

3/4 meter high  
37 paces around JMH  
radius = 4.6m

8.20m from 4

344° from M<sub>8</sub>

per. 25 paces JMH

1/3 meter high radius = 3.1m

mound 10

3m from 9

radius = 5.5m

250° from 9

per. 44 paces JMH 1/2 meter high

mound 11

21m from 9

54° " "

per. 49 paces JMH radius = 6.1m

1/3 meter high

mound 12

14.10 m from 11

10° from 11

8.10 m N-S, 5.40 E-W

1 meter high

mound 13

21.20 m from 12

312° from 12

per. 45 paces JMH, radius = 5.6 m

2/3 m high

mound 14

16.60 m from 12

13° from 12

per. 26 paces JMH, radius = 3.2 m

1/2 meter high

mound 15

13.70 from 12

540° from 12

per. 14 paces JMH, radius 1.7 m

just barely rises

Mound 16

25.70 from 12

46° from 12

radius 6 meters (eroded by bank)

1 meter high

mound 17

29 m from 4

358° from 4

per. 55 paces JMH/roughly, radius 6.8 m

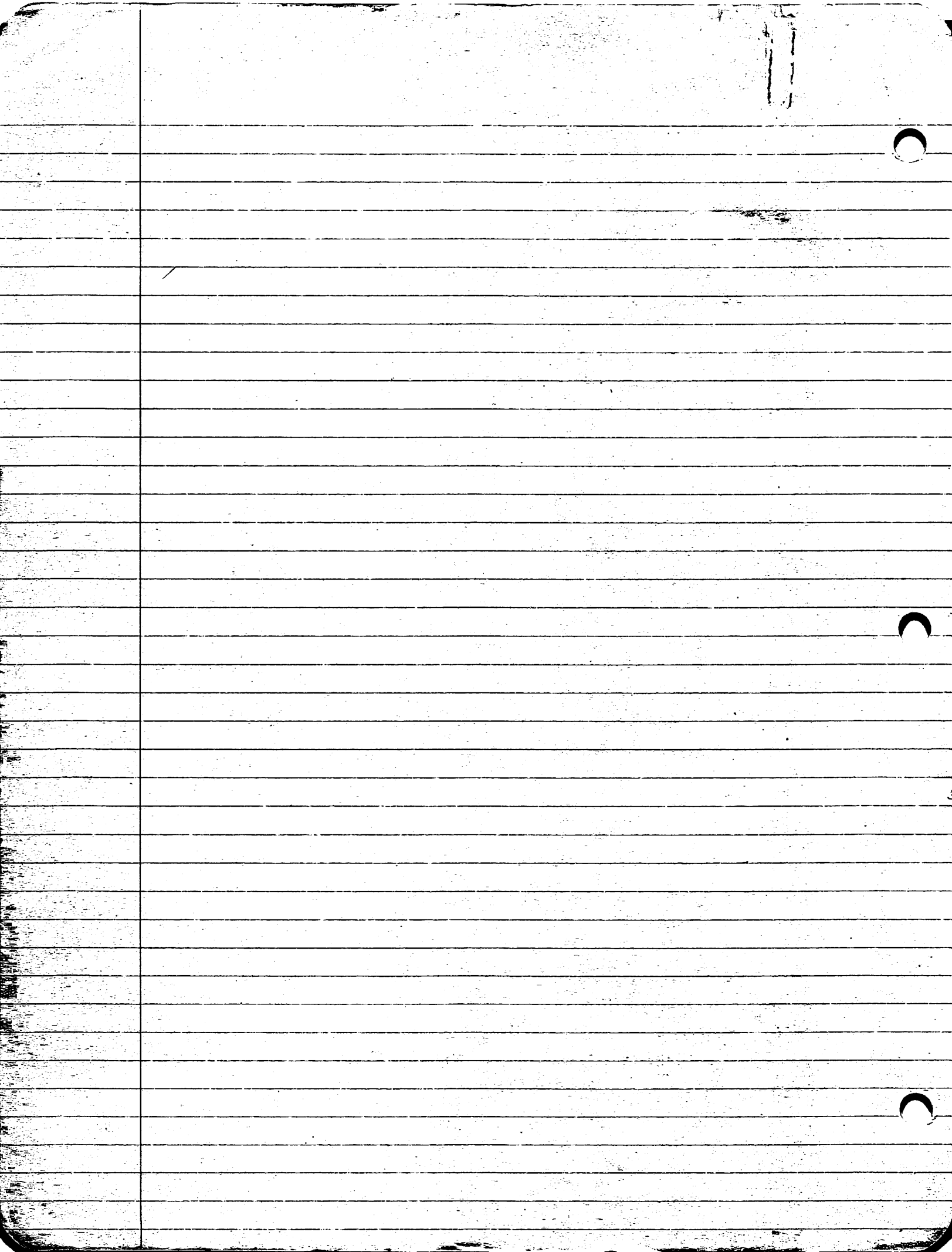
1 meter high (diploma in N-S line)

mound 18

7.90 m from M17 1/3 m high

92° from M17

per. 26 paces JMH, radius = 3.2 m



204

225

150

150

64

45

## FEATURE CARD

FEATURE NO:

Monte Grande # 106

PHOTO REF: Suzanne Riddle  
#511-16

SITE: Montañas Grandes

IDENTIFICATION: approx 2 km ESE of highway  
from Naco, approx 20 mounds, some large  
oval ones 4 m high.

NOTEBOOK REF:

Survey I pp 136-138

PIT OR TRENCH:

LOCATION: approx 2 km ESE of highway from  
Naco

PHOTO

## DESCRIPTION:

## DIMENSIONS:

## STRATIGRAPHIC NOTES:

- (35) Dia 8 257°  
SW 30 paces to (19) W  
(36) 45 paces to (19) W  
SW 222° Dia 14  
(37) 254° 2 m high  
SW 13 short  
16 long  
53 paces to (19) W  
(38) 50 paces to (19) W  
SW 288°  
13 wide; 18 long  
EXPOSED BY:

- (39) 9 long 288°  
SW 5 wide  
32 paces to (19) W  
(40) 52 paces to (19) W  
SW 271° 7 long 4 wide  
(41) 68 paces to (19) W  
SW 271° 10 short 13 long  
(42) 264° 8 wide 11 long  
SW 64 paces to (19) W  
(43) 55 paces to (19) W  
SW 256° Dia 8  
(44) 184° 5 Dia dist to (4) E24  
SW

measured from  
E end of (33) ↓

- (45) 56° runs into (33)  
SW Dia 10  
(46) dist to (33) 13  
SW 67° 13 long  
8 wide  
(47) 13° 12  
SW dist to (33) 18  
(48) Dist to (33) 6  
SW 168°  
11 long 8 short

- (49) 189° 5 Dia  
SW Dist to (33) 12  
(50) 19 Dist to 33  
SW 192° 8 Dia  
(51) 217°  
SW Dist to 33 21  
Dia 8

RECORDED BY: Ilene Sterns

DATE: 8-01-75

shown to us by

Luis Nolasco (from Naco)

Mound 2 - 3 1/2 m high  
Mounds 3-6 quite flat

22, 23, 29 = attached long ways  
29, 30 = attached at right angles

(12) 1.25 m high  
SR 12 dia  
35 dist to W p of ①

(13) 18 dia  
SW 72 dist to W p of ①

(14) 5 short dia  
7 long dia  
SW 43 dist to W p of ①

(15) 54 paces to W 270°  
circular 14 diam.  
IS 7 meter high

(16) 15 short axis  
IS 31 paces long axis  
2 1/2 tall  
25 to N side 299°

(17) 35 paces to per. from N  
1 1/2 high  
IS 323° diam. 12

(18) 12 diam.  
IS 1 meter high  
to N 42 paces

(19) 348° Orientation = 250°  
IS oval 19 long } paces  
16 short }  
56 paces to N

(20) 70 diam. 120°  
IS 63 paces to N

(21) 14° 11 diameter  
IS 58 paces to N

(22) 10 paces to per. N  
IS 12° diam. 25 paces  
1 1/2 meter high

(23) long axis 24 paces  
IS short axis 11 paces

last 10 paces to W is only 50 cm high  
(E part of mound - much higher)

(24) 4 m high  
oval connected to  
IS ① by about meter of debris  
74° 22 paces short  
21 paces long

ramp 8 wide  
6 long

(25) circular 122°  
IS 1 1/2 meter  
16 diam. 26 paces

(26) 12°  
IS 6 diam.  
3/4 m high  
to S 36 paces

(27) 147°  
IS 8 diameter very low  
to S 48 paces

all the rest from 19

(28) about same diam.  
as 25  
16 paces to 19

(29) destroyed by trench  
prob. part of 21, 210 paces  
to dotted line (W end of 21)  
19 diameter (10 paces dia)  
128° (10 paces dia)  
longer than on map

(30) 39 paces to 30 from 19  
123°  
14 short 22 long  
perhaps 30, 29 and 21 L shaped

(31) 109° Oblong  
SW 21 long 14 wide 1.25 m high  
Paces to ① 54

(32) 111° 31 paces to ① S  
SW Dia 8

(33) 61 paces to ① 135°

SW 38 long 19 wide

(34) 22 paces to ① W 265°  
10 short 17 long

Mounds 2-6 (distance  
from ① paced to  
center pt on S per.  
of ①)

dia 8 long dia  
5 short dia  
distance from  
center pt on  
2 perimeter

(7) 2 1/2 m high  
60 perimeter  
17 diameter  
3 distance to center  
pt on W p of ①

(8) 1 m high  
SW peri  
12 dia  
49 distance to center  
pt on W p of ①

(9) 2 m high  
SW 14 dia  
47 dist (W p of ①)

(10) 12 dia long  
SW 4 dia short  
31 dist - W p of ①

(11) 1/2 m high  
8 dia  
28 dist - W p of ①

140  
244

done  
from  
0  
not

over



Montañas  
Grandes.  
Conversion  
to meters

SR 78 IS 69 SW 75

dist to old river course 2550  
from W perimeter (center of  
Peri) M① = 95.22

M① short 13.5  
long 15.75 4 m high  
P 57.72

Mound ② dist to ①s 10.92 ⑬ D 13.5

170° P 63.18 252° dist to ①W 54 ⑭ 4 m high  
short 13.5 75° sd 15.18  
long 16.5

dist betw 2 + 3 ⑮ sd 3.75 1d 14.49  
- 1d 5.25 ramp wide 5.52 dist 4.14

200° ③ D 6.75 dist to ①S = 19.5 122° ⑮ 1.5 m D 11.04  
dist to ①W 32.25

218° ④ D 6 270° ⑯ dist to ①W 37.26 dist to ①S 17.25  
D 9.66 1 m high

dist to ①S = 24.18 112° ⑰ D 4.74 75 m high  
299° ⑯ sd 10.35 dist to ①S 20.7  
1d 21.39

225° ⑤ d 7.5 270° ⑱ dist to ①W 37.26 dist to ①S 17.25  
dist to ①S = 27 2 1/2 m high 147° ⑲ D 5.52 very low  
dist to ①N 17.23 dist to ①S 33.12

244° ⑥ long D 6 323° ⑰ 1.5 m high 160° ⑳ D 6.4  
sh d 3.75 dist to ①S 27.75 dist to ①N 24.15 dist to ①E 11.04  
D 8.28

253° ⑦ P 45 2.5 m high 14° ㉑ dist to ①E from  
D 12.75 336° ⑱ D 8.28 taken from W end (dotted line  
dist to ①W = 2.25 1 m high on map) = 13.8

225° ⑧ 1 m high 14° ㉒ dist to ①E 26.41  
D 9 dist to ①W 36.75 ⑲ 1 q d 13.11 1d 15.18  
348° sh d 11.04 sh 9.66

241° ⑨ 2 m high 109° ㉓ long 15.75 sh 10.5  
D 10.5 1.25 m high  
dist to ①W 36.75 ⑳ D = 6.9 dist to ①E 40.5

250° ⑩ LD 9 140° ㉔ D 7.59 111° ㉕ 23.25 to ①S (dist)  
SD 6.75 dist to ①W 23.25 dist to ①N 40.02 ① 6 Dia  
does not fit well on map

25° ⑪ 1/2 m high 12° ㉖ Dist to ①N 6.4 135° ㉗ 15.75 to ①E  
D 6 D 17.25 28.5 long 14.25 short

dist to ①W 21 1.5 m high ㉘ 12.5 dist to ①W  
265° ㉙ 12.5 dist to ①W = 7.5 short 12.75 long

262° ㉚ 1.25 m high D 9.36 12° ㉛ 1d 16.56 sh d 7.59

dist to ①W 27.5

257° (35) 6 Dia  
22.5 to (19) W

13° (47) 9 Dia  
13.5 to (33)

222° (36) 33.75 to (19) W 168° (48) 4.5 to (33) S  
10.5 Dia 8.25 long 6 sh.

made up of 4 smaller mounds (see map)

254° (37) 2 m high

9.75 short

12 short

39.75 to (19) W

187° (49) 3.75 Dia

9 to (33) S

192° (50) 14.25 to (33) S  
6 dia

286° (38) 37.5 to (19) W

9.75 sh 18 long

217° (51) 15.75 to (33) S  
6 dia

289° (39) 6.75 long 3.75 wide  
24 to (19) W

loose cabbles at

295°; 6 m long

3 m wide

271° (40) 39 to (19) W  
5.25 long 3 wide

271° (41) 51 to (19) W  
7.5 sh 9.75 long

264° (42) 6 sh 8.25 long  
48 to (19) W

256° (43) 41.25 to (19) W  
6 Dia

184° (44) 3.75 Dia  
18 to (19) E

56°  
from (45) runs into (33)  
↓ (33) 2 Dia 7.5

17° (46) 9.75 to (33)  
9.75 long 6 wide  
angle wrong

Sitio Buena (amended 1975) ~~Station Prop 15~~

~~Cinco~~ #109  
FEATURE CARD

...URE NO:

PHOTO REF:

SITE:

IDENTIFICATION:

NOTEBOOK REF:

PIT OR TRENCH:

LOCATION:

dia in meters

1 15.0  
2 13.9  
3 12.9  
4 9.9  
5 8.4

No 1 1m  
2 5.75 N 0.4  
3 5.75 N 0.4  
4 0.50 N 0.0  
5 5.40 N ?

DESCRIPTION: all 4 roughly circular, except for mound 1  
DIMENSIONS:  
mound dia. perimeter  
9.7 14.4 61 paces SW  
8.9 2 17.8 56 paces SW  
8.33 16.6 52 paces SW  
6.35 4 12.7 40 paces SW  
5.4 5 10.8 34 paces SW

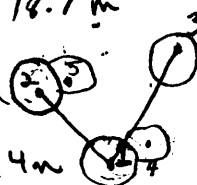
height

40° of N - 2m high, 220° E of N - 1/2 m high  
axis along this line 17 paces SW, 20 paces SW  
1 1/2 m. high downhill side - uphill lower  
1 1/2 m high  
3/4 m on downhill side - towards river  
downhill side 3/4 m high  
hill  
opposite side runs to

STRATIGRAPHIC NOTES:

1 to 2 is 346° E and 26 paces S.R. 20.3 meters  
1 to 3 is 76° E and 24 " 18.7 m  
1 to 4 is 99° E and 12 " 9.4 m  
1 to 5 is 15° E and 30 " 23.4 m

Rio Naco



large cobbles, milpa cornfarming over tops of mounds, scant number of sherds 30 meters from bank of Naco River, little ground cover except for corn

Dr. Luis Bueso - owner of property

EXPOSED BY:

RECORDED BY: S. West + S. Riddle

DATE: 31 de Julio de 1975

1 #1 15 m E-W x 13.5 m N-S hgt - higher NE than SW  
2 c. 13.9 m diam  
3 c. 12.9 m diam  
4 prob. saddle between 1 & 3  
5 c. 7.5 m diam  
all higher on S than on N

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SURVEY CARD

SURVEY FEATURE NO: Calzada Escandora #62

#113

PHOTO REF:

SURVEY SQUARE:

LOCATION: mound group on west of highway approx 2 miles south of Pepsi stand.

DESCRIPTION: mound #1 - 3m high

DIMENSIONS:

NOTEBOOK REF:

RECORDED BY:

DATE: 7/18/75

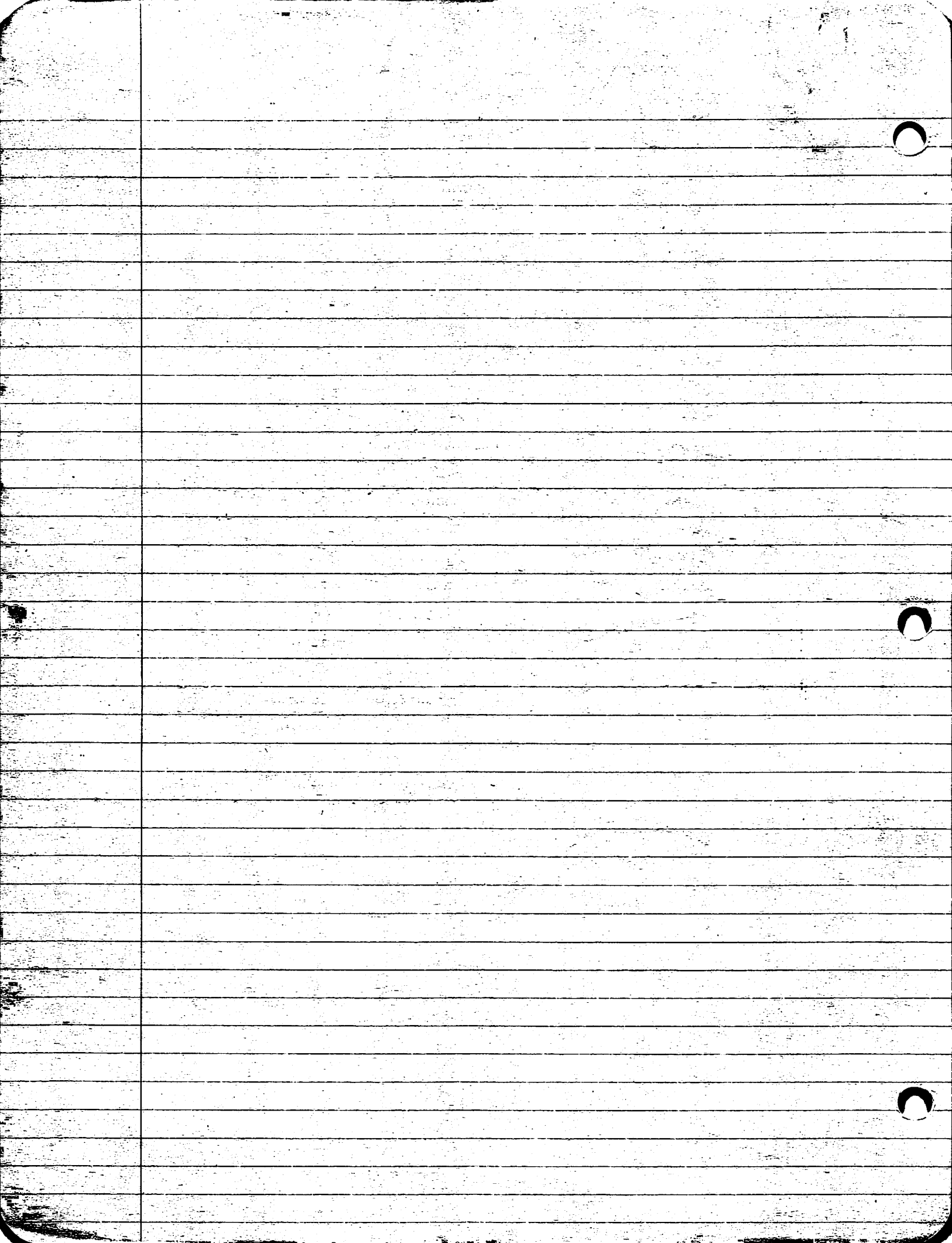
- mound #1 - used as central mound. Approx 3m high  
 23.21 meters 41.07 m 13.39 m
- mound #2 - 26 paces from Datum; Perimeter: 46; Diameter: 15; Bearing: 173° E of N; Height: approx 3 meters  
 30.36 meters 26.79 m 8.04 m
- mound #3 - 34 paces from Datum; Perimeter: 30; Diameter: 9; Bearing: 180° E of N; Height: approx 1 meter  
 39.29 meters 35.71 m 11.61 m 3.36 m
- mound #4 - 44 paces from Datum; Perimeter: 40; Length (EW): 13; width (NS): 6; Bearing: 166° E of N; Height: approx 1 meter  
 Datum on east half 9.82 x 10.71 m
- mound #5 - 42 paces from Datum; Perimeter: 34; Oblong: 11 x 12; Bearing: 152° E of N; Height: approx 1 1/2 m  
 37.5 m 30.36 m 8.64 m
- mound #6 - 36 paces from Datum; Perimeter: 30; Diameter: 9; Bearing: 134° E of N; Height: approx 1 1/2 m  
 32.14 m 26.79 m 8.64 m
- mound #7 - 39 paces from Datum; Perimeter: 45; Diameter: 14; Bearing: 114° E of N  
 34.82 m 40.18 m 12.5 m
- mound #8 - 51 paces from Datum; Perimeter: 28; Diameter: 8 1/2; Bearing: 103° E of N; Height: approx 1 1/2 meter  
 45.54 m 25 m 7.59 m
- mound #9 - 30 paces from Datum; Perimeter: 20; Diameter: 6; Bearing: 106° E of N  
 26.79 m 18.75 m 5.36 m
- mound #10 - 26 paces from Datum; Perimeter: 50; Length: 19 (NW-SE); width: 9; Bearing: 90° E of N Flat  
 23.21 m 44.64 m 16.96 m 8.04 m
- mound #11 - 39 paces from Datum; Perimeter: 18; NS: 4; EW: 7; Bearing: 104° E of N  
 34.82 m 16.07 m 3.57 m 6.25 m
- mound #12 - 45 paces from Datum; Perimeter: 14; 4 NS, 5 EW; Bearing: 105° E of N; Height: 0 meter  
 40.18 m 12.5 m 3.57 m 4.46 m
- mound #13 - 22 paces from Datum; Perimeter: 30; Diameter: 9; Bearing: 137° E of N  
 19.64 m 26.79 m 8.04 m
- mound #14 - 13 paces from Datum; Perimeter: 27; Diameter: 7; Bearing: 116° E of N  
 11.61 m 24.11 m 6.25 m
- mound #15 - 23 paces from Datum; Perimeter: 36; Diameter: 11; Bearing: 115° E of N  
 20.54 m 32.14 m 9.82 m
- mound #16 - 30 paces from Datum; Perimeter: 34; Diameter: 10; Bearing: 73° E of N; Height: 1 1/2 m (approx)  
 26.79 m 30.36 m 8.93 m
- mound #17 - 26 paces from Datum; Perimeter: 46; Diameter: 14; Bearing: 48° E of N; Height: 2 m (approx)  
 23.21 m 41.07 m 12.5 m
- mound #18 - 27 paces from Datum; Perimeter: 22; Diameter: 6.5; Bearing: 24° E of N  
 24.11 m 19.64 m 5.80 m
- mound #19 - 17 paces from Datum; Perimeter: 17; Diameter: 5; Bearing: 14° E of N  
 15.18 m 15.18 m 4.46 m
- mound #20 - 14 paces from Datum; Perimeter: 26; Diameter: 8; Bearing: 10° E of N  
 12.5 m 23.21 m 7.14 m
- mound #21 - 21 paces from Datum; Perimeter: 24; Diameter: 7; Bearing: 338° E of N  
 18.75 m 21.43 m 6.25 m
- mound #22 - 26 paces from Datum; Perimeter: 30; Diameter: 9; Bearing: 322° E of N. Possibly  
 23.21 m 26.79 m 8.04 m
- part of a wall + not really a mound. Interpreted as extending into road; lots of cobble in road  
 12.5 m 33.93 m 10.27 m
- mound #23 - 14 paces from Datum; Perimeter: 38; Diameter: 11.5; Bearing: 293° E of N. looter's pit;  
 cobble facing?

run into each other

southern perimeter

These 3 run into each other + form a triangle

contains looter's pit



Site 58 E1  
Chaparral

SURVEY CARD

# 114

SURVEY FEATURE NO: EC. 1.1

PHOTO REF:

SURVEY SQUARE: 7297 unit 6 ~~7298~~

LOCATION: E1 Chaparral: ca. 125 meters to South of baseline (NW-NE)  
ca. 15-75 meters from the NW-SW line.

DESCRIPTION: Mounds + Scattered shdrds.

DIMENSIONS:

3+ low mounds in cow pasture, grassy cover. scattered shdrds +  
obsidian flakes on mounds, concentrated to south of mounds;  
scatters to the east contain coarser pottery examples. pottery  
mostly visible where surface is eroded.

1 metal fragment collected.

58 II Another group of mounds ca. 100 m. to E - not yet examined.

NOTEBOOK REF: Survey pp. 9 + 11.

RECORDED BY: KC + DM.

DATE: 7/2/75



Site 58 El Chaparral  
SURVEY CARD

SURVEY FEATURE NO: E.C 1.1

PHOTO REF: KC 3.1 (mound 1 & 2)  
KC 3.2 (mound 1)

SURVEY SQUARE: 7297 unit 6

LOCATION: see survey book page 12

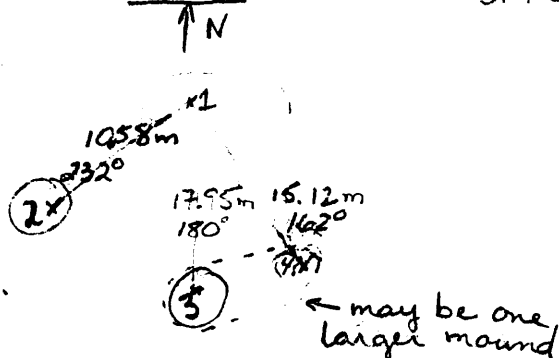
DESCRIPTION: Datum point on mound 1. Mound 1 & 4 could be one of long mound. Not gregarious. Some portions of earth to the west are packed, flat and red dirt.

Mound 1: perimeter (HM 65) N 4.92 m W 3.67 m S 3.93 m E 12.84 m  
46.15 m

Mound 2: perimeter (AM 43) N 4.23 m E 5.22 m S 5.78 m W 6.01 m  
33.54 m

Mound 3: perimeter (DM 43) radius 6.09 m  
38.27 m

Mound 4?: perimeter (HM 35) radius 3.96 m  
24.85 m



NOTEBOOK REF: Survey notebook p. 12

RECORDED BY: A.M.

DATE: 7/3/75

Site 58 E1 SURVEY CARD  
Chaparral

SURVEY FEATURE NO: E2

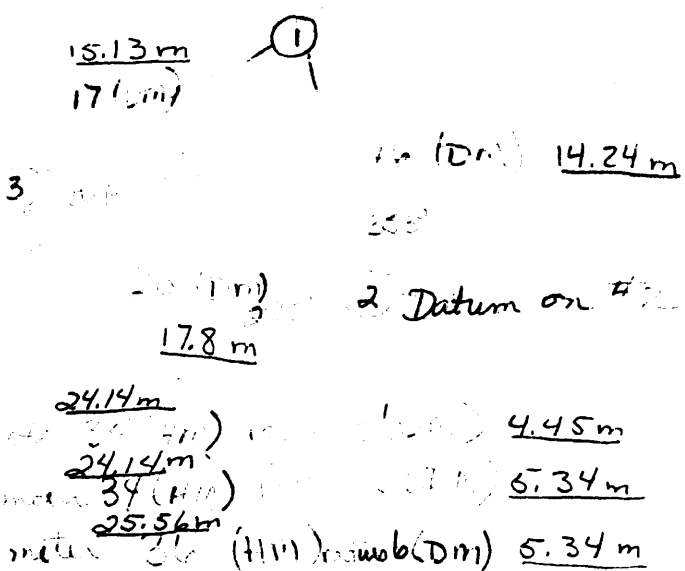
PHOTO REF: No photo

SURVEY SQUARE: 7297 units

LOCATION: See survey book p. 14

DESCRIPTION: 2.4m x 3.4m x 4.4m x 5.4m

DIMENSIONS: eroded, 15.13m, 17.13m, 14.24m, 17.8m, 24.14m, 25.56m, 4.45m, 5.34m, 5.34m



NOTEBOOK REF: Survey notebook p. 14

RECORDED BY: AM

DATE: 7/2/70

## SURVEY CARD

SURVEY FEATURE NO: 1 Site 59

La Tristeza

PHOTO REF: KC 3.3

SURVEY SQUARE: 7299 U5

LOCATION: See survey notebook pp. 18-20

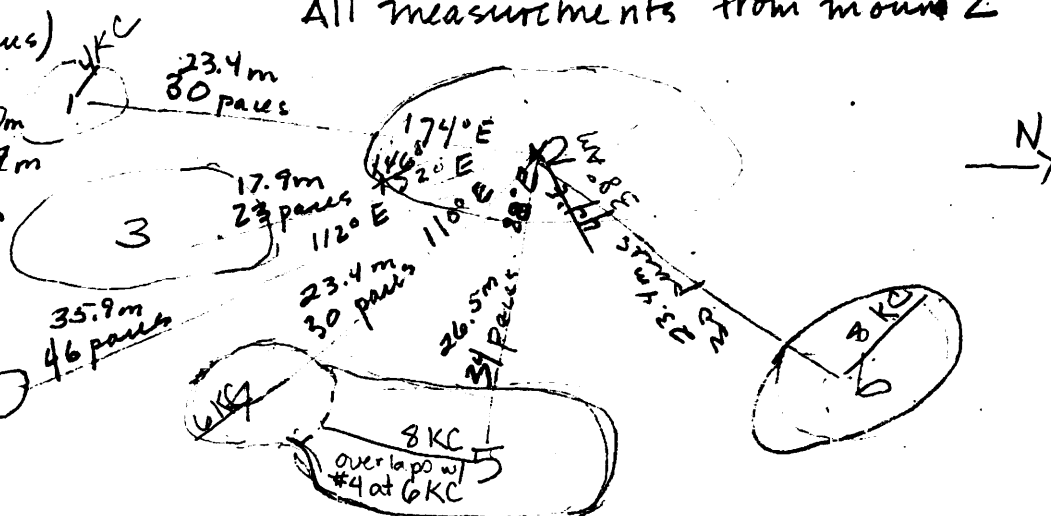
DESCRIPTION: Elevation: Mound 1 is very low (1.5m) 2 approx 2.5 m, 3 approx 1.75 m (cont. at bottom of page)

## DIMENSIONS:

All measurements from mound 2

Mound Perim - (in A.M.'s paces)

- |   |    |         |                 |
|---|----|---------|-----------------|
| 1 | 24 | 18.72 m | paces r = 3.0 m |
| 2 | 86 | 67.08 m | r = 10.7 m      |
| 3 | 57 | 44.5 m  | r = 7.1 m       |
| 4 | 43 | 35.1 m  | r = 5.6 m       |
| 5 | 68 | 53.1 m  | r = 8.4 m       |
| 6 | 63 | 49.1 m  | r = 7.8 m       |



Distances b/w. mounds in KC's paces.

Mound 3:  
EW (18) x NS (5)  
KC KC

NOTEBOOK REF: Survey pp. 18-20

RECORDED BY: Jan Mackesey

DATE: 4. Julio. 1975

Rechecked 5 July AM + KC -  
 Shapes of mounds + 2 xs corrected.  
 Datum points on mounds 2 + 3 marked.

Elevations 4 and 5 could be considered one mound though they  
 each have distinct peaks - contour

5 approx 1.75m

4 approx 1.3 m

6 approx 1.25m

4

5

SURVEY CARD

# 131 actually

#130

Rad 184

SURVEY FEATURE NO: Manual F2 B

PHOTO REF: none

SURVEY SQUARE: none

LOCATION: near highway in open field, where former water course runs down to the S

DESCRIPTION: isolated house in sand

DIMENSIONS:

6.10 m in diameter

25m

36 (PUF) paces around perimeter

not above 1.5m high

usual cobbles in a heap with dirt fill.

covered with grass about .75 m high, etc.

wide field, some scattered fence posts, field border - dirt and cattle

87 paces (PUF) to fence along highway

NOTEBOOK REF: P. 51

RECORDED BY:

DATE:

10 de Julio de 1975

# 131

# ~~reassigned to 2 sh. chest + 7 isolated burials~~  
~~included in El Nino~~

NO April 1984

# 131 is a site on Manacal ranch

large, possibly not man-made mound

w/ some shards on top

121

Handwritten notes at the top of the page, possibly including a date or reference number.

Biblog. Dic

Smith. Dic

Places. Dic

#132

SURVEY CARD

SURVEY FEATURE NO: Manacal F<sub>1</sub> A

PHOTO REF:

SURVEY SQUARE: none

LOCATION: Manacal Ranch bull pasture

DESCRIPTION: 2 "mounds"

DIMENSIONS:

21.60 m no. 1 to no. 2

270° 1 to 2

few visible cobbles; the mounds are small stones  
and earth; not so much as a chimney, but since  
they're 2 m high & near the old river course  
we're recording them

① diameter <sup>11.70</sup> 24.10 (E/W) station E to  
9 m NS

51 paces perimeter (S/W) 1.5 m high

② E-W 7.90 m

N-S 9.65

perimeter 42 paces (S/W)

1.75 m high

NOTEBOOK REF: p 52

RECORDED BY: PUF

DATE: 10 de Julio de 1975

01421 10100

1953 01421

1953 01421

1953 01421

1953 01421

1953 01421

1953 01421

25 15 12 12 37 5

1953 01421

1953 01421

1953 01421